

***Revenue
and Expenditure Budgets***

Year Ending December 31, 1989



Greater Vancouver Regional District

4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

Regional Manager

Telephone (604) 432-6214

91-06782/

TO: Board of Directors
FROM: Regional Manager
RE: 1989 Final Budget
DATE: April 3, 1989

The 1989 Final Budgets for the Greater Vancouver Districts are presented for your consideration. The following functions are covered in the consolidated budget overview:

- Water District
 - Water supply & distribution
- Sewerage & Drainage District
 - Sewerage & drainage
 - Solid waste
- Regional District
 - General government services
 - Air pollution control
 - Hospital planning
 - Labour relations
 - Parks
 - Development services
 - E911 Emergency Telephone System
 - Electoral Area functions

Regional Hospital District

The Role and Objectives of each function, together with an organization chart are stated in the preamble to each function budget.

The projected 1989 expenditures for the above functions amount to \$174,951,888 and are summarized on Schedule 1. \$108,871,999 (62.2%) of this amount relates to debt charges on past and current capital expenditures, most of which have already been approved.

Total operating expenditures of \$62,900,904 representing 36.0% of total expenditures are increased by \$11,094,266 (21.4%) over 1988 budget. \$7,018,738 of this increase (11.2%) is for solid waste operations and reflects the first full year operation of the Burnaby Incineration Plant. The changes from the 1988 budget for new programs, extraordinary costs, increased levels of service and inflation are summarized on Schedule 2. Details of these increases are included in the Treasurer's report at the beginning of each of the District's budgets.

Tax Supported Functions

The impact of "tax supported" functions on the 1988 tax base is as follows:

1989 tax requisitions and levy (excluding financing for members)	
Regional	\$12,795,099
Regional Hospital	34,359,007
Sewerage and Drainage	<u>34,299,503</u>
	81,453,609
<u>Deduct</u>	
Hospital debt charges assumed chargeable to the City and Township of Langley	(1,524,341)
Electoral area functions	(505,001)
The City and Township of Langley's contribution to Regional and Hospital functions effective January 1, 1989	<u>(340,172)</u>
	79,084,095
Estimated amount paid by new development (3%)	<u>(2,371,023)</u>
Net amount applicable to 1988 tax base	76,713,072
1988 tax requisitions and levy	<u>74,079,688</u>
Increase applicable to 1988 tax base	<u>\$ 2,633,384</u>
	=====
% Increase on 1988 tax base	3.6%
	=====

The increase in tax requisitions and levy on the 1988 tax base, after considering the boundary extension and the increase in assessments for new development, amounts to \$2,633,384 or 3.6%.

Taxation for Regional and Regional Hospital District applies to all taxpayers on substantially the same basis. The impact of these budgets on taxation of a typical residence assuming participation in all functions is as follows:

	<u>ASSESSED VALUE</u>	<u>REGIONAL</u>	<u>HOSPITAL</u>
1989	150,500 ⁽¹⁾	17.14	48.12
1988	120,000	15.21	42.44
		<u>1.93</u>	<u>5.68</u>
		=====	=====
Increase due to:			
Shift in taxation from non-residential		.73	2.18
Budget increase		1.20	3.50
		<u>1.93</u>	<u>5.68</u>
		=====	=====

(1) Assessment increased by average percentage residential assessment increase in region less estimated new development.

Self-Liquidating Functions

It is recommended the 1989 water rate be set at 4.45¢ per cubic metre, up 8.8% from the 1988 rate of 4.09¢. The five-year capital expenditure program predicted a 1989 rate of 4.42¢ expressed in 1987 dollars.

The 1989 regional rate for solid waste disposal was previously set at \$43.50 per tonne. The 1988 rate was \$34.00 per tonne. 1989 is the first full year the incinerator will be in operation, which has a significant impact on the rate.

GREATER VANCOUVER DISTRICTS

1989 BUDGET

TOTAL EXPENDITURES

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Tax Supported Functions</u>					
Regional District					
General Government	\$ 2,458,856	\$ 2,485,222	\$ 2,529,640	\$ 2,573,290	+ 4.7
Air Pollution Control	2,105,900	2,008,182	2,443,000	2,443,000	+16.0
Hospital Planning	440,540	388,868	483,778	493,778	+12.1
Labour Relations	1,598,930	1,476,194	1,765,739	1,768,639	+10.6
Parks	5,531,823	5,566,516	5,941,595	6,042,832	+ 9.2
Development Services	870,000	952,002	1,149,830	1,144,663	+31.6
Electoral Areas	506,636	478,687	554,688	591,206	+16.7
E911 Emergency Telephone System			210,800	210,800	
	13,512,685	13,355,671	15,079,070	15,268,208	+13.0
Sewerage & Drainage	34,611,462	32,756,802	35,462,412	36,154,163	+ 4.5
Hospital District	63,161,184	61,091,110	72,682,181	72,391,992	+14.6
Total tax-supported functions	111,285,331	107,203,583	123,223,663	123,814,363	+11.3
<u>Self-Liquidating Functions</u>					
Water District	15,572,284	15,088,246	17,357,971	17,929,011	+15.1
Solid Waste	22,354,756	19,548,588	32,314,893	33,208,514	+48.6
TOTAL	<u>\$149,212,371</u>	<u>\$141,840,417</u>	<u>\$172,896,527</u>	<u>\$174,951,888</u>	+17.3

Excludes financing for members.

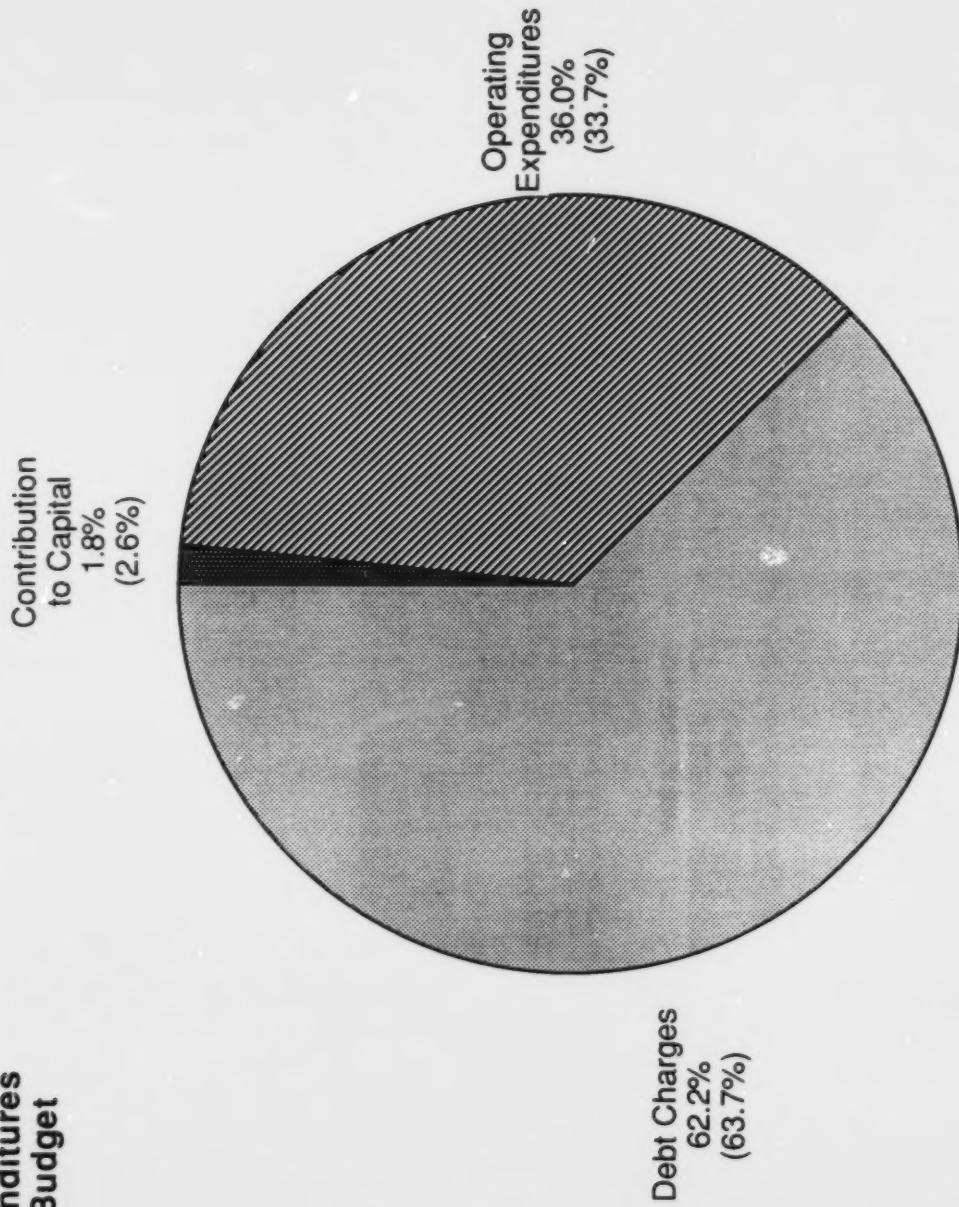
GREATER VANCOUVER DISTRICTS
SUMMARY OF INCREASE IN
1989 OPERATING EXPENDITURES
OVER 1988 FINAL BUDGET

	Tax-Supported Functions			Self-Liquidating Functions		
	Regional District	Hospital District	Sewerage & Drainage District	Water District	Solid Waste	Total
	\$	%	\$	\$	%	\$
1988 Final Budget	\$10,686,598		\$14,994,685	\$8,024,768		\$51,806,638
1988 Extraordinary Items	(813,440)	(7.6)	(664,309)	(1,396,022)	(17.4)	(2,873,771)
1989 Base Budget	9,873,158		14,330,376	6,628,746		48,932,867
1989 Extraordinary Items	893,068	8.4	566,400	1,290,952	16.1	2,750,420
Change in Level of Service	910,451	8.5	695,700	382,730	4.8	8,051,919
New Programs	655,300	6.1				655,300
Change in 1989 Base Budget	179,619	1.7	207,800	63,700	0.8	451,119
Inflation	386,582	3.6	540,839	176,158	2.2	2,059,279
	3,025,020		2,010,739	1,913,540		13,968,037
1989 Final Budget	\$12,898,178	20.1	\$16,341,115	\$8,542,286	6.4	\$62,900,904

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Schedule 2

**Gross Expenditures
1989 Final Budget**



1988 Final Budget
figures in brackets

GREATER VANCOUVER DISTRICTS
Increase in 1989 Debt Charges

	1988 Final Budget	1989 Increase/ (Decrease)	% Change
Regional District			
Air Pollution	\$ 48,200	\$ (48,200)	
Parks	900,563	197,837	
Electoral Areas	198,168	14,072	
E911 Emergency Telephone System		9,500	
	1,146,931	173,209	15.1
Sewerage & Drainage District	19,616,777	196,271	1.0
Hospital District (1)	28,645,535	4,806,556 (2)	16.8
Water District	7,547,516	1,839,209	24.4
Solid Waste Operations	4,260,169	3,835,020	90.0
	<u>\$61,216,928</u>	<u>\$10,850,265</u>	17.7

(1) Net of Provincial Grant;

(2) Includes \$1,524,341 on behalf of and chargeable to Langley City and District.

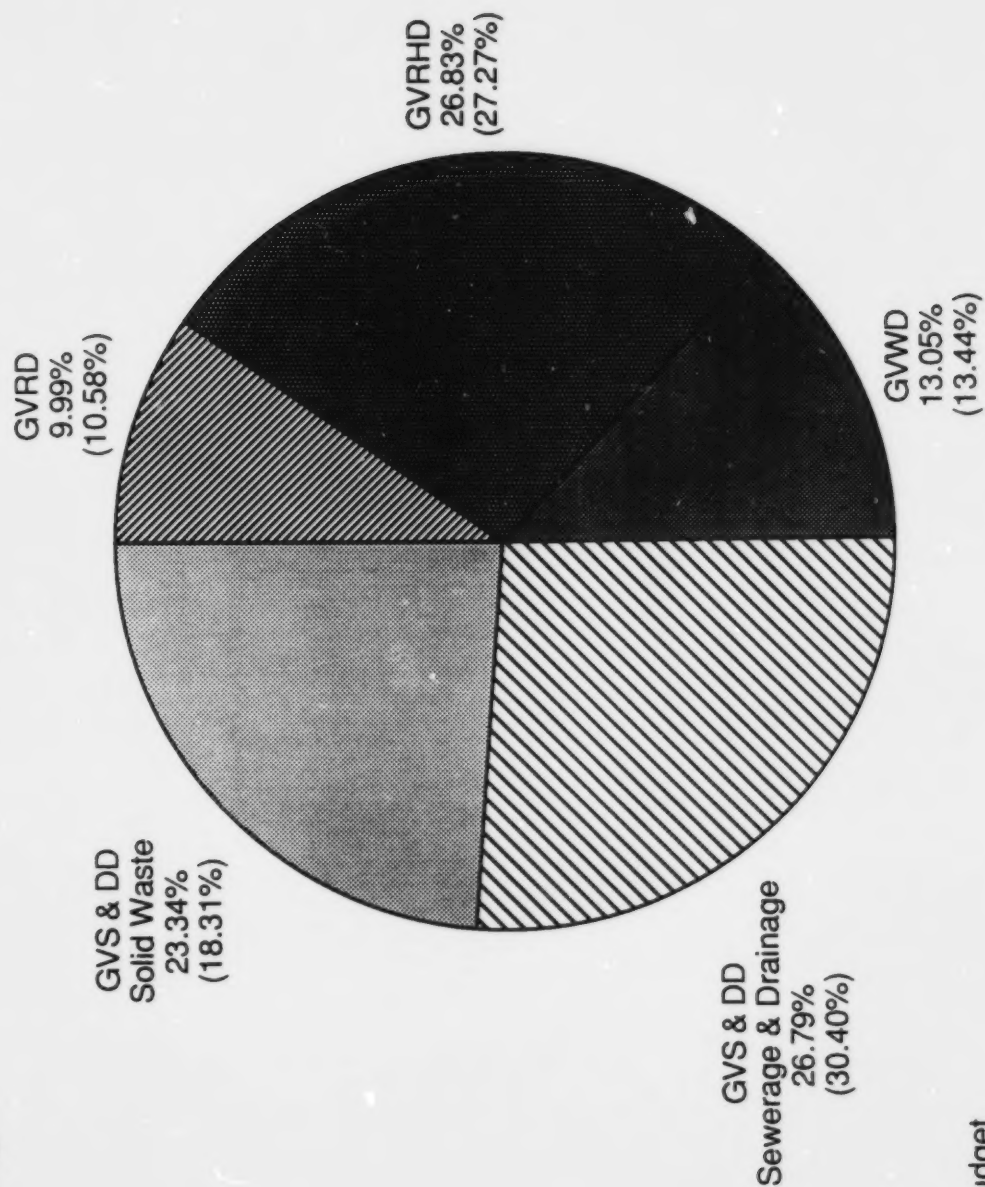
Excludes financing for members.

GREATER VANCOUVER DISTRICTS
1989 MEMBERS' TAX REQUISITIONS
AND USER CHARGES

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Tax Supported Functions</u>					
Regional District					
General Government	\$ 1,731,751	\$ 1,731,751	\$ 1,675,790	\$ 1,849,155	+ 6.8
Air Pollution Control	996,632	996,632	1,179,800	1,176,832	+18.1
Hospital Planning	431,210	431,210	438,943	442,107	+ 2.5
Labour Relations	1,517,531	1,517,531	1,684,298	1,627,604	+ 7.3
Parks	5,362,335	5,362,335	5,737,700	5,838,937	+ 8.9
Development Services	870,000	870,000	1,149,830	1,144,663	+31.6
Electoral Areas	456,754	458,721	494,573	505,001	+10.6
E911 Emergency Telephone System			210,800	210,800	
	11,366,213	11,368,180	12,571,734	12,795,099	+12.6
Sewerage & Drainage	33,864,710	33,864,710	33,363,682	34,299,503	+ 1.3
Hospital District	29,305,519	29,310,843	34,898,636	34,359,007	+17.2
	74,536,442	74,543,733	80,834,052	81,453,609	+ 9.3
<u>Self-Liquidating Functions</u>					
Water District	14,443,443	15,138,512	16,518,245	16,705,862	+15.7
Solid Waste Operations	18,500,204	17,907,207	29,893,500	29,893,500	+61.6
	<u>\$107,480,089</u>	<u>\$107,589,452</u>	<u>\$127,245,797</u>	<u>\$128,052,971</u>	+19.1

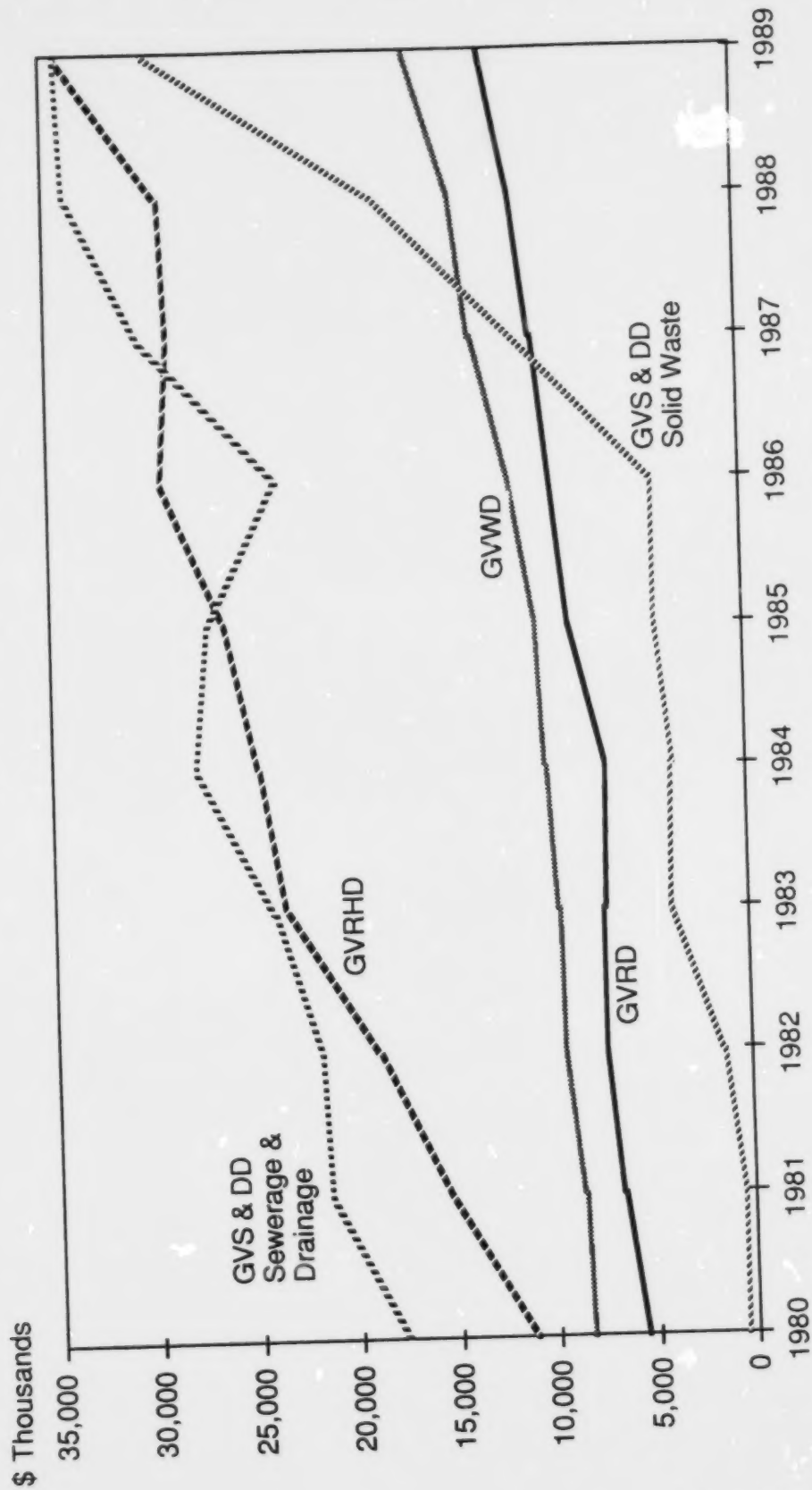
Excludes financing for members.

**Members' Tax Requisitions & User Charges
1989 Final Budget**



1988 Final Budget
figures in brackets

Members' Tax Requisitions & User Charges 1980 to 1989



Greater Vancouver Water District

ESTABLISHED 1924

4330 KINGSWAY
BURNABY, B.C.
CANADA V5H 4G8
PHONE (604) 432-6200
FAX (604) 432-6251

TO: Administration Board
FROM: Executive Committee
RE: 1989 Final Budget
DATE: March 15, 1989

The Greater Vancouver Water District Final Budget for 1989 is presented for your consideration.

Changes from Provisional Budget

The rate proposed for the 1989 Final Budget of 4.45¢ per cubic metre is unchanged from the Provisional Budget.

The levels of Operations & Maintenance, Administration and Research expenditures are also unchanged from Provisional, although there has been a change in some of the specific projects planned for 1989.

The rising trend in interest rates has forced an increase in the budget for Debt Charges.

1989 Provisional Budget Expenditures \$17,357,971

Operations & Maintenance

Stability reviews for the Cleveland & Seymour Dams - to become a capital project	\$(103,000)
North Delta - Misc. Electric Materials	4,450
Kersland Genset - Standby Generator & Transfer Switch	16,220
Kersland Upgrade - Misc. Electric Materials	8,300
Little Mountain - Electric Materials	6,300
Beach Yard - Computer Development	15,000
Seymour Genset - Standby Generator	31,200
Additional Quality Control Chemist	<u>21,530</u>

0

Debt Charges

571,040

1989 Final Budget Expenditures

\$17,929,011

1989 Final Budget

Operating Costs

Changes in the operating costs from the 1988 Final Budget are summarized as follows:

	<u>OPERATIONS & MAINTENANCE</u>	<u>ADMINISTRATION & GENERAL EXPENSE</u>	<u>RESEARCH & DEVELOPMENT</u>	<u>TOTAL</u>
1988 Final Budget	\$6,359,651	\$583,868	\$1,081,249	\$8,024,768
1988 Extraordinary Items	(676,540)	(52,400)	(667,082)	(1,396,022)
1989 Base Budget (before inflation)	5,683,111	531,468	414,167	6,628,746
Extraordinary Items (Appendix A)	684,270		606,682	1,290,952
Increased Level of Service (Appendix B)	382,730			382,730
Changes in Base Budget (Appendix C)	(29,000)	92,700		63,700
Inflation	133,655	5,225	37,278	176,158
1989 Final Budget	<u>\$6,854,766</u>	<u>\$629,393</u>	<u>\$1,058,127</u>	<u>\$8,542,286</u>

Debt Charges

Net debt charges are projected to increase \$1,839,209 over the 1988 Final Budget. A major portion of this increase results from the ongoing substantial capital works program underway, with projected capital expenditures in 1989 of \$15,568,000. The major projects included in this are the combined works yard, Stage 3 of the Coquitlam Main No. 3, the Langley District supply facility and 45th Avenue Main No. 2.

A new debenture issue of \$43,000,000 is planned to fund these and previous projects, and to refinance temporary debentures.

Water Sales

The volume of water sales for 1989 is projected at about 1.1% over that experienced in 1988, based on normal weather conditions and continued economic growth. After allowing for the surplus forward from 1988 of \$1,194,349, a rate of 4.45¢ per cubic metre is needed to meet net expenditures. This is an increase of 8.8% from the 1988 rate of 4.09¢. The Capital Expenditure Program had projected a rate of 4.42¢ (1987 dollars).

1988 Actual

Variance from 1988 Final Budget

	<u>Favourable/ (Unfavourable)</u>
Operations & Maintenance	\$ 298,051
Administration & General	(47,265)
Research & Development	(424,588)
Debt Charges	<u>657,840</u>
Total Expenditure	484,038
Water Sales & Miscellaneous income	<u>710,311</u>
Total Variance	<u>\$1,194,349</u>

Operations & Maintenance

Resources were needed in other areas and therefore some planned extraordinary projects could not be commenced.

Administration & General

A portion of a lump sum payment made pursuant to union contract settlement and not included in the budget accounted for most of the variance.

Research & Development

Final design for a station for the Water Quality Improvement Program was larger and more complex than anticipated, and an existing facility planned to be used for corrosion studies was not appropriate, requiring an entirely new one.

Debt Charges

This favourable variance resulted from substantially lower levels of capital expenditures than had been planned and the postponement of long-term financing.

Water Sales & Miscellaneous Income

The 1988 volume was about 4.8% over that anticipated in the budget.

Appendix A

GREATER VANCOUVER WATER DISTRICT

1989 Extraordinary Items

OPERATIONS & MAINTENANCE

Installation of telemetry equipment to relay flow totalizer readings	\$ 20,000
Replacement of power cables	25,500
Replacement of pipework at the South Lynn Creek aerial crossing	94,200
Replacement of plug and valve operators	56,000
Installation of bearing temperature detectors and switches	12,500
Installation of check valve connections and regulating valves	41,600
Improvements to ventilation	86,400
Replacement of concrete stop logs at Seymour Dam	16,000
Replacement of upper standing booms on Seymour Lake	23,000
Replacement of water storage tank	5,500
Automation of valve at Clayton Reservoir	20,300
Replace and relocate electrical equipment	9,000
Supervisory equipment	34,000
Beach Yard Computer	46,200
Installation of control kiosk	5,000
Generator repairs - Kersland & Seymour Gensets	47,420
Replacement of pump controller	6,000
Miscellaneous electrical materials - N.Delta, Kersland and Little Mountain	19,050
Reservoir Cleaning	<u>116,600</u>
	<u>\$684,270</u>

RESEARCH & DEVELOPMENT

<u>Water Quality Program</u>	
Staffing, consulting, materials & laboratory costs	<u>\$606,682</u>

Appendix B

GREATER VANCOUVER WATER DISTRICT

Changes in Level of Service

Chlorination Mechanic - for operations of water quality program pilot plant	\$ 57,400
Increased maintenance requirements because of takeover of South Delta facilities	44,600
Increased electrical staff to accommodate additional equipment installation and increased workload	54,900
Water quality monitoring increased to include testing on weekends and holidays	119,700
Quality Control Chemist	21,530
Increased chlorine to maintain present dosage rates with greater water consumption	<u>84,600</u>
	<u>\$382,730</u>

GREATER VANCOUVER WATER DISTRICT

Changes In Base Budget

OPERATIONS & MAINTENANCE

Annualization of 1988 staff addition	\$ 7,400
Reallocation of indirect costs due to reorganization of Air Pollution/Quality Control	<u>(36,400)</u>
	<u>\$(29,000)</u>

ADMINISTRATION & GENERAL EXPENSE

Increases in allocated Administrative offices, general administrative services and central administrative service	<u>\$ 92,700</u>
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GREATER VANCOUVER WATER DISTRICT

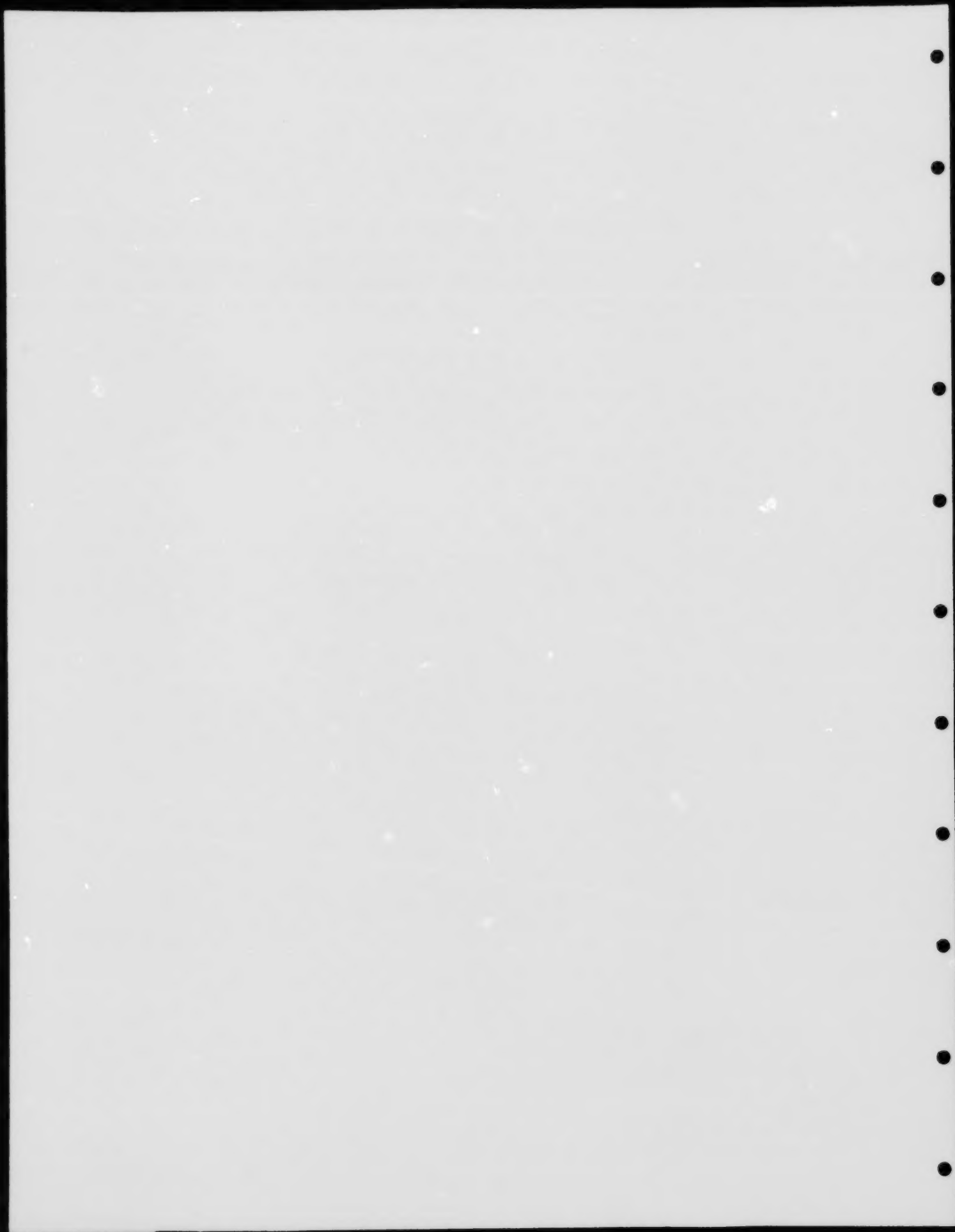
Revenue and Expenditure Budget

Year Ending December 31, 1989

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GREATER VANCOUVER WATER DISTRICT

Long-Term and Ongoing Role

The water supply function involves the acquiring and supplying of potable water in bulk for the use of the inhabitants of the District for all purposes at equitable rates and includes supply to some adjacent areas outside the District. Membership in the Water District by municipalities is voluntary, however there is no opting out of the District once a member has joined. The District functions in accordance with the provisions of the Greater Vancouver Water District Act (1924). Water is supplied from the three uninhabited watersheds that are closed to the public and located in the mountains north of the populated metropolitan area. The surface supply, which has its origin as rainfall and snowmelt, is of very high quality.

The Capilano, Seymour and Coquitlam systems serving respectively the western, central and eastern sectors of the Greater Vancouver area consist of dams, pipelines, pumping stations and reservoirs and are integrated systems designed to provide a reliable and safe supply of water to the area. The water system has been developed in accordance with a long-term master plan for the growth of the region. This program has been integrated with the municipal water systems through a number of major studies that have been carried out cooperatively with the members. A five year capital program for new waterworks facilities with a breakdown of costs for each year is provided for the members. The facilities are not automatically constructed in the order set out in the program but rather the system is reviewed yearly following the peak summer flows to identify the most cost effective improvements that will enable the system to keep abreast of the growth in water demand. This style of program serves to delay major capital improvements for as long as possible and achieve maximum economy for the members as reflected in the annual rate charged for water.

1989 Short-Term Objectives

The programs to be undertaken in 1989 will see a continuation of the emphasis on improvements to the system capacity, reliability and water quality that began in earnest in 1987. The Capital funded programs which are comprised of construction projects as well as planning studies are estimated to collectively cost approximately \$18,700,000 and are as follows:

- Improvements to the Coquitlam Intake tower consisting of an enlarged intake gate for increased capacity and a new travelling screen mechanism for water quality purposes. These works will complete the final stage in a series of improvements to the intake which first began in 1986.
- Installation of 10,000 feet of 78-inch diameter watermain on Pipeline Road in Coquitlam. This remaining section will complete the program to parallel the old 48-inch main from the intake to Lougheed Highway and is a key element of the works that will form the foundation for expanded use of the Coquitlam source.
- Design and construction of major mains and pumping stations to serve the Township of Langley and the eastern and southern sections of Surrey from the Coquitlam source. Included are new mains to improve service to Maple Ridge and an additional river crossing to be constructed of 54-inch diameter pipe upstream of Barnston Island.

- Design and construction of a new concrete Glenmore storage tank in West Vancouver to replace the two existing deteriorated woodstave tanks built in 1955.
- Replacement of a section of the North Burnaby main on the south shore of Burnaby Lake which has failed several times in the past few years.
- Replacement of a section of the Lulu Island-Delta main in Deas Slough in the Fraser River which was damaged by a dredge in 1984.
- Design and initiation of construction of a new supply main to serve the Little Mountain distribution centre from Boundary Road to replace existing deteriorated and undercapacity mains.
- A design study and major equipment upgrade of the Vancouver Heights pumping station which has served the District since 1958.
- Land acquisition, design and construction of facilities to consolidate the District's three works yards and water system control centre into a new centrally located facility.
- Continuation and completion of the Comprehensive Regional Water Supply Study which began in 1988 to review the Regions' water requirements for the next 50 years and provide an updated long range capital program for the construction of water supply facilities.
- Completion of studies to determine the feasibility of generating and selling electrical power using surplus water from the Capilano and Seymour systems.
- Development of the second stage of equipment to enable expansion and computerization of the supervisory control and data acquisition (SCADA) system for monitoring and controlling the water supply network.

Routine Operations and Maintenance activities continue to form a substantial part of the annual budget. The major areas of emphasis in the current program are as follows:

- Improvements to the ventilation of several major pumping stations to increase reliability under more frequent and sustained operation conditions due to the Regions' growth.
- Installation of monitoring equipment at several pumping stations to give advance warnings of possible mechanical problems.
- Replacement of obsolete and deteriorated electrical components at pumping stations and reservoir sites throughout the District.
- Improvements to system control and response time with the addition of increased telemetry sensing and remote valve operating equipment to connect with the main control center.
- A continuation of the reservoir cleaning program that would result in a rotating two year cleaning cycle of all the balancing reservoirs in the system.

The water quality improvement program will continue as a Research and Development item in 1989 progressing towards its goal of ensuring our water consistently complies with the B.C. Drinking Water Standards. This will include the sustained operation of the pilot programs and facilities constructed in 1988. Further research will be undertaken to confirm solutions to the water quality problems that need to be addressed. Included are studies on secondary disinfection to upgrade the protection against bacteria to the customers tap, corrosion control to reduce the leaching of lead and copper from domestic plumbing systems and primary disinfection to improve the level of protection at the sources for more resistant forms of natural organisms.

A report containing recommendations on a construction program for the Regional District is expected by the end of 1989.

Review of 1988 Objectives

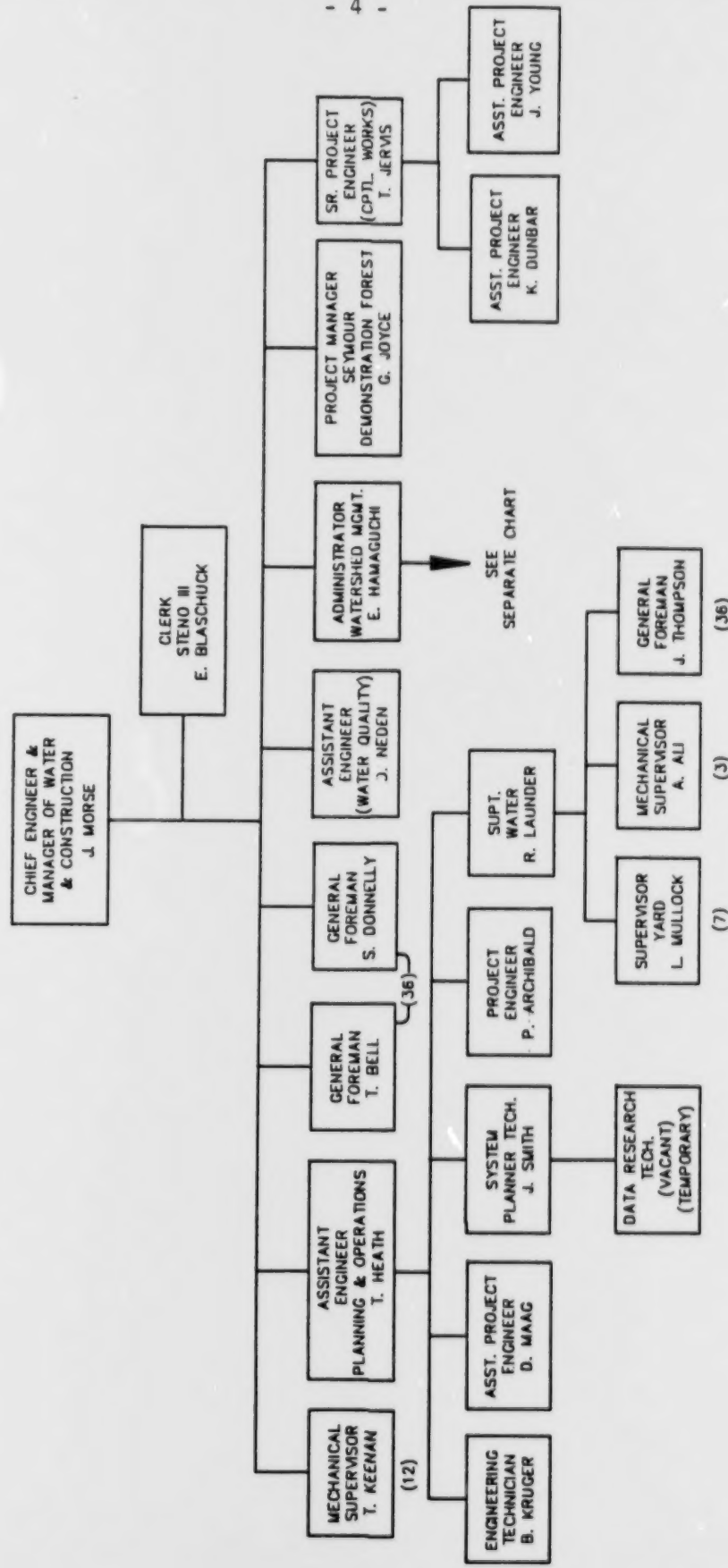
Capital works undertaken this past year resulted in the completion of permanent repairs to the North Shaft of the First Narrows Pressure Tunnel. This work, unique in its complexity and scope, was carried out largely by District crews and engineering staff and completed in time for the spring demands on the water system. The Whalley-Kennedy Link Main in Surrey was also completed by early spring and provided significant additional water supply to the west side of the municipality during the summer season. Improvements to double the output of the Cape Horn pumping station were delayed in the spring due to equipment supplier difficulties however, the installation of the new motors was completed in the fall.

The Regional Comprehensive Water Supply Study commenced and saw input from the member municipalities to achieve the coordinated effort needed for this large undertaking.

The regional water quality improvement program resulted in the construction of a large and comprehensive secondary disinfection and pH adjustment pilot plant in Surrey to test the effectiveness of alternative disinfectants. Pilot plants were also installed at the intake sources to gather additional information for primary disinfection evaluations and to seek alternatives to the existing source water chlorination treatment. A corrosion loop pilot plant was constructed at the Seymour intake to evaluate corrosion control strategies.

Numerous improvements to the system operation which were included as extraordinary items in the 1988 budget resulted in significantly upgraded control and reliability from prior years. As projected, the 1988 programs resulted in larger quantities of water being available with greater reliability at the close of 1988 than at the start. A continuation of this level of progress is built into the programs of the 1989 budget and this improvement in system performance is expected to continue.

GREATER VANCOUVER WATER DISTRICT



NOTE:

() = STAFF SUPERVISED

DATE: FEB. 28/89

DRAWING NAME: IWATER.DWG

REFER TO DISK: WB1012

GREATER VANCOUVER WATER DISTRICT

Revenue and Expenditure Budget
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Expenditures</u>					
Operation & Maintenance of water system (Sch. 4 & 5)	\$ 6,359,651	\$ 6,061,600	\$ 6,854,766	\$ 6,854,766	+ 7.8%
Administrative & general expense (Sch. 6)	583,868	631,133	629,393	629,393	+ 7.8%
Research & Development (Sch. 7)	<u>1,081,249</u>	<u>1,505,837</u>	<u>1,058,127</u>	<u>1,058,127</u>	- 2.1%
	8,024,768	8,198,570	8,542,286	8,542,286	+ 6.4%
Net Debt Charges (Sch. 1)	<u>7,547,516</u>	<u>6,889,676</u>	<u>8,815,685</u>	<u>9,386,725</u>	+24.4%
Total Expenditure	<u>\$15,572,284</u>	<u>\$15,088,246</u>	<u>\$17,357,971</u>	<u>\$17,929,011</u>	+15.1%
<u>Revenue</u>					
Income deferred from previous year	\$ 1,102,841	\$ 1,102,841	\$ 810,926	\$ 1,194,349	+ 8.3%
Miscellaneous income	<u>26,000</u>	<u>41,242</u>	<u>28,800</u>	<u>28,800</u>	+10.8%
Total Revenue	<u>\$ 1,128,841</u>	<u>\$ 1,144,083</u>	<u>\$ 839,726</u>	<u>\$ 1,223,149</u>	+ 8.4%
Net amount to be raised from the sale of water	<u>\$14,443,443</u>	<u>\$13,944,163</u>	<u>\$16,518,245</u>	<u>\$16,705,862</u>	+15.7%
<u>Metered Sale of Water (Sch. 8)</u>					
Member municipalities	\$13,775,374	\$14,446,697	\$15,763,154	\$15,942,201	
Non-members	<u>668,069</u>	<u>691,815</u>	<u>755,091</u>	<u>763,661</u>	
Total	<u>\$14,443,443</u>	<u>\$15,138,512</u>	<u>\$16,518,245</u>	<u>\$16,705,862</u>	+15.7%
Net income deferred to following year		<u>\$ 1,194,349</u>			

GREATER VANCOUVER WATER DISTRICT

Debt Charges
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Debenture debt charges (Schedule 2)	\$6,822,786	\$6,822,784	\$5,364,922	\$5,364,922
Proposed debenture issue				
- new issue	1,857,960		3,639,199	4,089,326
- refinancing temporary debentures	600,677	242,000	1,620,550	1,720,269
	<u>2,458,637</u>	<u>242,000</u>	<u>5,259,749</u>	<u>5,809,595</u>
Interest on short term borrowing	1,148,988	2,963,476	1,028,057	1,049,251
Exchange on U.S. funds, net of amounts recoverable	425,343	336,433	332,400	332,400
Sundry financial charges/(income)	<u>24,500</u>	<u>(244,162)</u>	<u>25,500</u>	<u>25,500</u>
Gross Debt Charges	10,880,254	10,120,531	12,010,628	12,581,668
Less				
Recoverable under agreements with member municipalities (Schedule 3)	<u>1,537,280</u>	<u>1,418,146</u>	<u>1,425,532</u>	<u>1,425,532</u>
Net Debt Charges	<u>9,342,974</u>	<u>8,702,385</u>	<u>10,585,096</u>	<u>11,156,136</u>
Principal & Interest charges to:				
- capital projects	10,000	18,776	4,000	4,000
- office building operations	<u>1,785,458</u>	<u>1,793,935</u>	<u>1,765,411</u>	<u>1,765,411</u>
	<u>1,795,458</u>	<u>1,812,711</u>	<u>1,769,411</u>	<u>1,769,411</u>
Net Charge to Revenue	<u>\$7,547,516</u>	<u>\$6,889,674</u>	<u>\$8,815,685</u>	<u>\$9,386,725</u>

GREATER VANCOUVER WATER DISTRICT

Debenture Debt Charges
Year Ending December 31, 1989

SINKING FUND DEBENTURES

<u>ISSUE NUMBER</u>	<u>BY-LAW NUMBER</u>	<u>RATE</u>	<u>MATURITY DATE</u>	<u>DEBT RETIREMENT</u>	<u>INTEREST</u>	<u>TOTAL</u>
39 (1)	151	9.5	Jan. 15, 1990	\$	\$ 257,246	\$ 257,246
52	181	11.75	Apr. 18, 1989	118,356	347,671	466,027
53	189	9.0	Aug. 15, 1991	470,000	1,800,000	2,270,000
				588,356	2,404,917	2,993,273

SERIAL DEBENTURES

31	132	5.5	Apr. 15, 1989	41,030	2,268	43,298
32	135	5.5	Apr. 15, 1990	170,145	12,051	182,196
33	136	5.25	Jul. 1, 1990	8,487	672	9,159
34	137	5.25	Dec. 1, 2005	9,755	13,422	23,177
35	138	5.25	Dec. 1, 2005	9,988	13,743	23,731
46 (1)	168	9.75	Mar. 1, 1996	525,000	425,297	950,297
47 (1)	169	8.625	Jun. 22, 1997	193,507	170,146	363,653
48	172	9.625	Jan. 1, 1998	6,608	8,791	15,399
49	174	10.0	Jan. 1, 1999	16,700	27,610	44,310
50	173	10.25	Jul. 2, 1999	258,033	458,396	716,429
				1,239,253	1,132,396	2,371,649
Total Debenture Debt Charges				\$1,827,609	\$3,537,313	\$5,364,922

Note (1) Debentures payable in United States Dollars.

GREATER VANCOUVER WATER DISTRICT
Debt Charges Recoverable Under Agreements
with Member Municipalities
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>District of Burnaby</u>				
Financing Agreement-Jan. 14/63	\$ 16,041	\$ 16,125	\$	\$
Financing Agreement-Aug. 3/64	74,754	74,754	72,996	
North Burnaby Main-Section 2	9,163	9,163	8,948	
South Burnaby Main	<u>150,333</u>	<u>150,333</u>	<u>150,333</u>	
	<u>250,291</u>	<u>250,375</u>	<u>232,277</u>	<u>232,277</u>
<u>District of Coquitlam</u>				
Port Moody Main No. 2	<u>20,303</u>	<u>20,303</u>	<u>20,372</u>	<u>20,372</u>
<u>District of Surrey</u>				
Kennedy Heights Main & Reservoir (2)	26,216	16,924	22,528	
Surrey Westerman Main	1,081	1,087		
Surrey Hickleton Main	8,084	8,127		
Whalley-Clayton-Langley Main (1)	235,325	235,325	225,297	
Whalley-Clayton Main #2	<u>61,497</u>	<u>61,497</u>	<u>52,179</u>	
	<u>332,203</u>	<u>322,960</u>	<u>300,004</u>	<u>300,004</u>
<u>Township of Richmond</u>				
Lulu Island-Delta Enlarged Main	13,138	13,236		
22-inch Main	115	85		
Richmond-Delta Enlarged Facilities (2)	<u>191,444</u>	<u>166,993</u>	<u>181,788</u>	
	<u>204,697</u>	<u>180,314</u>	<u>181,788</u>	<u>181,788</u>
Carried Forward	<u>807,494</u>	<u>773,952</u>	<u>734,441</u>	<u>734,441</u>

Note (1) Debentures payable in United States Dollars;
(2) Assumes refinancing of issue #51.

GREATER VANCOUVER WATER DISTRICT
Debt Charges Recoverable Under Agreements
with Member Municipalities
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Brought Forward	807,494	773,952	734,441	734,441
<u>Corporation of Delta</u>				
Lulu Island-Delta Enlarged Main	4,838	4,863		
Richmond-Delta Enlarged				
Facilities (2)	526,193	458,990	499,618	
64th Avenue Main	25,768	25,768	25,768	
	556,799	489,621	525,386	525,386
<u>City of Port Moody</u>				
Port Moody Main No. 2 & Reservoir	5,961	5,961	5,981	5,981
<u>District of Maple Ridge</u>				
Haney Main No. 2 extension	5,931	5,931	5,951	
Enlarged Facilities Agreement of February 8, 1979 (2)	51,957	33,543	44,635	
Maple Ridge Reservoir	109,138	109,138	109,138	
	167,026	148,612	159,724	159,724
Total	<u>\$1,537,280</u>	<u>\$1,418,146</u>	<u>\$1,425,532</u>	<u>\$1,425,532</u>

Note (1) Debentures payable in United States Dollars;
(2) Assumes refinancing of issue #51.

GREATER VANCOUVER WATER DISTRICT

Operations and Maintenance
By Object of Expenditure
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$2,856,522	\$2,604,331	\$3,162,480	\$3,147,453
Vehicles & equipment rentals	385,398	471,245	388,361	388,361
Consultants	30,368	22,449	93,450	25,383
Materials & supplies	661,272	675,495	655,077	721,547
Other services	205,752	102,297	126,831	126,831
Gasoline, fuel & lubricants	69,774	88,760	72,440	72,440
Purchased repairs & maintenance	30,212	110,375	73,911	73,911
Chlorine	193,440	242,886	288,892	288,892
Electricity	677,404	565,971	697,974	697,974
Natural gas	13,468	6,544	13,984	13,984
Telephone	71,918	76,132	71,985	71,985
Land taxes & rentals	348,608	365,624	374,990	374,990
Insurance	93,527	93,188	90,079	90,079
Water rentals to Crown	476,011	444,788	492,450	492,450
Provision for equipment replacement	75,600	79,003	75,600	75,600
Indirect departmental costs	581,248	490,870	558,622	575,246
	6,770,522	6,439,958	7,237,126	7,237,126
Less: Recoveries	410,871	378,358	382,360	382,360
	<u>\$6,359,651</u>	<u>\$6,061,600</u>	<u>\$6,854,766</u>	<u>\$6,854,766</u>

GREATER VANCOUVER WATER DISTRICT

Operations and Maintenance

By Program

Year Ending December 31, 1989

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Impounding Reservoirs & Source of Supply</u>					
Impounding reservoirs		\$ 127,723	\$ 86,979	\$ 79,224	\$ 79,224
Capilano Intake		180,626	214,355	265,595	213,952
Seymour Falls Intake		256,601	197,005	318,576	298,132
Fish conservation		1,447	307	1,500	1,500
Piezometer readings		18,521	13,862	19,495	19,495
5(b)		<u>584,918</u>	<u>512,508</u>	<u>684,390</u>	<u>612,303</u>
<u>Supply Mains & Distribution Reservoirs</u>					
West District		401,165	426,667	495,836	495,836
Capilano District		277,791	286,411	269,019	269,019
Seymour District		229,673	317,181	296,500	296,500
Coquitlam District		319,642	262,994	329,925	329,925
East District		457,770	431,665	431,110	435,560
5(c)		<u>1,686,041</u>	<u>1,724,918</u>	<u>1,822,390</u>	<u>1,826,840</u>
<u>Pumping Stations</u>					
Vancouver Heights		443,522	535,935	386,031	386,031
Kersland		114,284	55,558	136,476	160,995
Sasamat		52,305	84,073	54,287	54,287
Little Mountain		83,358	53,197	80,190	86,490
Central Park		202,975	151,095	198,351	198,351
Maple Ridge		45,451	39,268	84,982	84,982
Westburnco		85,346	65,069	88,577	88,577
Burnaby Mountain		147,739	170,337	158,573	158,573
Cape Horn		145,434	126,728	200,798	200,798
5(d)		<u>1,320,414</u>	<u>1,281,260</u>	<u>1,388,265</u>	<u>1,419,084</u>
<u>Chlorination</u>	5(e)	<u>574,542</u>	<u>483,025</u>	<u>621,465</u>	<u>621,465</u>
<u>Quality Monitoring</u>	5(f)	<u>539,885</u>	<u>453,250</u>	<u>669,619</u>	<u>691,437</u>
<u>General</u>					
Beach yard control system		259,935	243,604	263,982	263,982
Beach yard computerization		31,200	18,322	32,396	47,396
Radio communications		70,595	77,348	78,621	78,621
Meter reading & maintenance		122,552	128,836	126,779	126,779
Yard operating & general maintenance		264,400	253,326	222,317	222,317
Property taxes		336,960	354,941	363,342	363,342
Insurance		92,248	85,474	88,800	88,800
Water rentals to Crown		475,961	444,788	492,400	492,400
		<u>1,653,851</u>	<u>1,606,639</u>	<u>1,668,637</u>	<u>1,683,637</u>
Total		<u>\$6,359,651</u>	<u>\$6,061,600</u>	<u>\$6,854,766</u>	<u>\$6,854,766</u>

GREATER VANCOUVER WATER DISTRICT

Operations and Maintenance
Impounding Reservoirs & Source of Supply
Year Ending December 31, 1989

Purpose/Level of Activity

The activities associated with operating the watershed lakes and the dam intakes in Capilano, Seymour and Coquitlam are collectively included in this category. The mountain reservoirs, Loch Lomond, Palisade and Burwell Lakes which form the reserve supplies to the main reservoirs are part of this category. Routine maintenance and repair of the intakes and dams structures and lake screening form the major areas of operation.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$293,342	\$226,572	\$302,588	\$287,561
Vehicles & equipment rentals	50,648	71,748	50,417	50,417
Consultants			83,067	
Materials & supplies	101,608	79,129	96,865	128,065
Other services	19,864	43,300	19,799	19,799
Gasoline, fuel & lubricants	12,116	7,503	12,581	12,581
Purchased repairs & maintenance	3,432	11,940	16,150	16,150
Electricity	26,000	10,008	26,997	26,997
Natural gas	1,716	523	1,782	1,782
Telephone	3,608	3,506	3,616	3,616
Land taxes & rentals				
Insurance	936	1,364	936	936
Provision for equipment replacement	5,000	4,792	5,000	5,000
Indirect departmental costs	71,016	56,406	68,960	63,767
	589,286	516,791	688,758	616,671
Less: Recoveries	4,368	4,283	4,368	4,368
	<u>\$584,918</u>	<u>\$512,508</u>	<u>\$684,390</u>	<u>\$612,303</u>

GREATER VANCOUVER WATER DISTRICT

Operations and Maintenance
Supply Mains & Distribution Reservoirs
Year Ending December 31, 1989

Purpose/Level of Activity

This category contains the largest single sector of expenditure of the budget as would be expected to operate the 19 balancing reservoirs and approximately 500 kilometers of distribution mains spread throughout the Regional District. Water from the mountain reservoirs is distributed through these facilities at numerous metered locations to the District members. The balancing reservoirs in the system are utilized to supplement the demand during peak periods and are refilled during the low demand period of the day.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 946,424	\$ 915,903	\$1,024,265	\$1,024,265
Vehicles & equipment rentals	186,850	219,419	188,430	188,430
Consultants	4,368	18,206		
Materials & supplies	173,524	211,333	248,631	253,081
Other services	40,643	35,749	22,582	22,582
Gasoline, fuel & lubricants	7,956	7,647	8,261	8,261
Purchased repairs & maintenance	9,776	26,995	24,094	24,094
Electricity	41,756	32,769	37,957	37,957
Natural gas	1,872	961	1,944	1,944
Telephone	30,988	34,573	31,026	31,026
Land taxes & rentals	11,544	10,406	11,544	11,544
Insurance				
Provision for equipment replacement	4,900	5,773	4,900	4,900
Indirect departmental costs	229,309	240,531	222,625	222,625
	1,689,910	1,760,265	1,826,259	1,830,709
Less: Recoveries	3,869	35,347	3,869	3,869
	<u>\$1,686,041</u>	<u>\$1,724,918</u>	<u>\$1,822,390</u>	<u>\$1,826,840</u>

GREATER VANCOUVER WATER DISTRICT

Operations and Maintenance
Pumping Stations
Year Ending December 31, 1989

Purpose/Level of Activity

The topography of the Regional District and the elevation of the source waters permits much of the system to be operated by gravity flow. The elevation of some areas and the seasonal flows however require pumping to supplement the demand which is met by a series of 13 pumping stations. These stations are located adjacent to the system balancing reservoirs which provide the water pumped during peak periods.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 361,313	\$ 283,917	\$ 463,833	\$ 463,833
Vehicles & equipment rentals	35,650	61,936	35,391	35,391
Consultants			10,383	10,383
Materials & supplies	191,920	208,353	112,805	143,624
Other services	35,109	12,661	15,619	15,619
Gasoline, fuel & lubricants	41,850	71,114	43,453	43,453
Purchased repairs & maintenance	10,764	64,171	21,918	21,918
Electricity	596,128	511,181	618,981	618,981
Telephone	22,756	21,944	22,762	22,762
Land taxes & rentals	104		104	104
Water rentals to Crown	50		50	50
Indirect departmental costs	62,987	65,440	73,112	73,112
	1,358,631	1,300,717	1,418,411	1,449,230
Less: Recoveries	38,217	19,457	30,146	30,146
	<u>\$1,320,414</u>	<u>\$1,281,260</u>	<u>\$1,388,265</u>	<u>\$1,419,084</u>

GREATER VANCOUVER WATER DISTRICT

Operations and Maintenance
Chlorination
Year Ending December 31, 1989

Purpose/Level of Activity

The closed watershed policy of the Greater Vancouver Water District which limits access to authorized persons, enables the District to limit its water treatment at this time to screening and mild chlorination only. Chlorination levels were increased in 1986 as a first step to address the problem of the water not meeting the drinking water standards of the Province at all times.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$197,528	\$137,434	\$213,683	\$213,673
Vehicles & equipment rentals	33,450	31,468	33,556	33,556
Materials & supplies	49,764	33,264	32,235	32,235
Other services	49,348	2,585	1,674	1,674
Gasoline, fuel & lubricants	2,652	485	2,754	2,754
Purchased repairs & maintenance	624	64	675	675
Chlorine	193,440	242,751	288,892	288,892
Telephone	906	545	912	912
Provision for equipment replacement	100		100	100
Indirect departmental costs	46,730	34,429	46,984	46,994
	<u>\$574,542</u>	<u>\$483,025</u>	<u>\$621,465</u>	<u>\$621,465</u>

GREATER VANCOUVER WATER DISTRICT

Operation and Maintenance Budget
Quality Control
Year Ending December 31, 1989

Purpose

The purpose of this program is to provide microbiological and chemical monitoring of water at source, after treatment and in the distribution system in order to determine the level of treatment required, the effectiveness of chlorination, and the quality of water throughout the GVWD and municipal distribution systems, and need for mitigative actions such as flushing and cleaning.

Level of Activity

Water samples are collected from across the distribution system each working day and taken to the laboratory for bacteriological and chemical analyses. Approximately 25,000 bacteriological and 23,000 chemical and physical tests were carried out in 1988. Data is stored on a computerized database to facilitate report writing, graphical and statistical analyses.

In addition to the monitoring services, Quality Control staff provide technical advice to the District municipalities and health departments in the area and play a major role in the chlorination and certification of new and repaired District facilities before they are placed in service.

In 1988, the Water Quality Improvement Program initiated three major projects to study the effects of various water treatment strategies on water quality in the District: primary disinfection, secondary disinfection and corrosion control. The Quality Control laboratories are providing technical assistance and laboratory resources for all three projects. In 1988, there were approximately 8,000 bacteriological analyses and 28,000 chemical and physical tests carried out for the three projects.

In 1989, Quality Control will improve the water quality monitoring program by increasing the level of monitoring carried out on weekends and holidays. As in 1988, Quality Control will continue to supply laboratory and technical support to the Water Quality Improvement Program.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$230,894	\$195,983	\$302,219	\$302,219
Vehicles & equipment rentals	19,600	16,342	19,600	19,600
Materials & supplies	35,048	30,286	37,048	37,048
Other services	24,544	4,891	24,544	24,544
Gasoline, fuel & lubricants	208	1,233	208	208
Indirect departmental costs	229,591	204,515	286,000	307,818
	<u>\$539,885</u>	<u>\$453,250</u>	<u>\$669,619</u>	<u>\$691,437</u>

GREATER VANCOUVER WATER DISTRICT

Administration and General Expense
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Administration</u>				
Allocated from Greater Vancouver Regional District				
- Administration offices	\$ 191,000	\$ 207,428	\$ 252,000	\$
- Central administrative services	43,600	43,600	44,300	
- General administrative services	202,300	159,457	180,900	
Engineering administration	<u>116,556</u>	<u>109,596</u>	<u>121,710</u>	
	<u>553,456</u>	<u>520,081</u>	<u>598,910</u>	<u>598,910</u>
<u>General</u>				
Travel time payout		59,250		
Legal	10,400	6,494	10,400	
Audit	14,500	13,764	14,500	
Travel	1,040	803	1,080	
Miscellaneous	4,472	21,428	4,503	
Water history		7,479		
Public Awareness Campaign		<u>1,834</u>		
	<u>30,412</u>	<u>111,052</u>	<u>30,483</u>	<u>30,483</u>
Total	<u>\$ 583,868</u>	<u>\$ 631,133</u>	<u>\$ 629,393</u>	<u>\$ 629,393</u>

GREATER VANCOUVER WATER DISTRICT

Research & Development
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
General research & development	\$ 30,134	\$ 59,444	\$ 32,375	\$
Water Quality Program (Schedule 7(a))	1,022,900	1,413,662	995,700	
Peak Summer Demand Survey	28,215	22,885	30,052	
Water Source Study		9,846		
	<u>\$1,081,249</u>	<u>\$1,505,837</u>	<u>\$1,058,127</u>	<u>\$1,058,127</u>

GREATER VANCOUVER WATER DISTRICT

Research and Development
Water Quality Program
Year Ending December 31, 1989

Purpose

The long term goal of this program is to improve water quality in the distribution system by changes in treatment. This will include the implementation of secondary disinfection and corrosion control and changes to the current primary disinfection program.

Level of Activity

In 1988, considerable progress was made in this program area. Pilot plants have been constructed to study alternative treatment strategies for the three main areas of interest: primary disinfection, secondary disinfection, and corrosion control. The pilot plants will be kept in operation until enough data has been gathered to allow a decision on an overall treatment strategy to be reached. Extensive use of District staff and laboratory facilities has been made in 1988 and it is expected that this level of activity will continue in 1989. It is anticipated that a final report outlining an overall water treatment strategy for the District should be ready by the end of 1989 or early in 1990.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 205,200	\$ 360,816	\$ 265,600	\$
Vehicles & equipment rentals	5,000	59,662	16,000	
Consultants	425,000	414,110	303,400	
Materials & supplies	180,000	331,992	300,000	
Other services	156,000	173,499	37,000	
Gasoline, fuel & lubricants	800	2,490	800	
Indirect departmental costs	50,900	71,093	72,900	
	<u>\$1,022,900</u>	<u>\$1,413,662</u>	<u>\$ 995,700</u>	<u>\$ 995,700</u>

GREATER VANCOUVER WATER DISTRICT

Estimate of Water Sales
Year Ending December 31, 1989

<u>Members</u>	Consumption in Cubic Metres (1000's)		Rate Per Cubic Metre	<u>Amount</u>
	<u>Daily</u>	<u>Annual</u>		
Burnaby	108.21	39,495	0.0445	\$ 1,758,712
Coquitlam (District)	40.08	14,630	0.0445	651,478
Delta	76.27	27,838	0.0445	1,239,637
Maple Ridge	21.01	7,668	0.0445	341,456
New Westminster	36.68	13,388	0.0445	596,175
North Vancouver City	23.00	8,394	0.0340	285,653
North Vancouver District	57.95	21,152	0.0445	941,910
Pitt Meadows	7.63	2,783	0.0445	123,937
Port Coquitlam	18.78	6,855	0.0445	305,248
Port Moody	18.79	6,857	0.0445	305,338
Provincial Institutions	1.38	505	0.0445	22,473
Richmond	97.60	35,623	0.0445	1,586,273
Surrey	116.31	42,452	0.0445	1,890,395
West Vancouver	25.74	9,396	0.0445	418,422
Vancouver	<u>336.85</u>	<u>122,952</u>	0.0445	<u>5,475,094</u>
Member Municipalities Total	<u>986.28</u>	<u>359,988</u>		<u>15,942,201</u>
<u>Non-Members</u>				
University Endowment Lands	19.12	6,977	0.0534	372,837
Capilano Hatchery	0.03	11	0.0534	594
Langley (City)	<u>9.60</u>	<u>3,505</u>	0.1113	<u>390,230</u>
Non-Members Total	<u>28.75</u>	<u>10,493</u>		<u>763,661</u>
Total estimated Consumption	<u>1015.03</u>	<u>370,481</u>		
Total amount to be raised from the sale of water				<u>\$16,705,862</u>

WATERSHED MANAGEMENT

Long-Term and Ongoing Role

In accordance with the Amending Indenture, dated March 17, 1967, to the 999 year lease dated August 13 and 18, 1927. The primary objective of the Forestry Department is to manage the timber within the Watersheds on a sustained yield basis in order to develop, protect and improve the lands' water yielding characteristics. The highest priority in the management of these lands is given to the water supply, both in terms of quality and quantity of water. The provisions of the Forest Management plan is secondary to this objective.

Current Short-Term Objectives

1. Continue the program of hydrological and water quality research through the U.B.C. Faculty of Forestry. This program was started in 1969 and will require an increasing portion of the budget each year to monitor the forestry activities.
2. Complete the new 5 year Management and Working Plan for submission to the Ministry of Forest by year end 1988 and approved by the Ministry of Forests by mid 1989.
3. Continue the watershed management program which includes fire protection, timber harvesting, road construction and maintenance, and slide and stream rehabilitation.
4. Continue the on-going basic silviculture program. Our objective is to establish a new forest, through planting, on all denuded areas within two years of denudation.
5. Continue to expand the intensive silviculture program. Intensive silviculture involves tending new forest after they have become established and includes juvenile spacing, commercial and pre-commercial thinning, pruning, conifer release and group selection.
6. Continue the development of the Seymour Demonstration Forest which was opened in August, 1987.
7. Reintroduction of aerial harvesting using a Wyssen Skyline system. This system was last used in the Watersheds in 1981.
8. Introduction of a commercial thinning program on an operational basis during winter 1988-89.
9. Topographic re-mapping of all 3 Watershed by the end of 1989.
10. Watershed-forest data base to be fully maintained in an in-house Geographic Information System by year-end 1989.

11. Entry into a "Partnership Agreement" with the B.C. Ministry of Forests in early 1989. This agreement will decrease the Ministry of Forests role in watershed operations and will increase G.V.W.D. responsibility and accountability. This is an operational requirement of the Ministry of Forests.
12. Completion of a Forestry Department informational brochure by September, 1989.

CAPITAL EXPENDITURE

The road construction program forms part of the continuing watershed and forest management objective of providing permanent road access throughout the watersheds. The road system in the watersheds provide access for harvesting, fire protection, and watershed maintenance.

The 1989 Capital Expenditure requirement for road culvert and bridge construction is as follows:

	<u>Culvert</u>		<u>Bridge</u>		<u>Road</u> <u>Km</u>	<u>Total</u> <u>Cost</u>	
	<u>No.</u>	<u>Cost</u>	<u>No.</u>	<u>Cost</u>		<u>Cost</u>	<u>Cost</u>
Capilano Watershed	1	\$10,000	-	\$ -	5.5	\$ 265,000	\$ 275,000
Seymour Watershed	-	-	-	-	-	-	-
Coquitlam Watershed	7	70,000	2	260,000	11.5	875,000	1,205,000
	8	\$80,000	2	\$260,000	17.0	\$1,140,000	\$1,480,000
	-	-----	-	-----	----	-----	-----

The projected capital expenditure for road construction in the watersheds for the next five years is as follows:

<u>Year</u>	<u>Capilano</u>	<u>Seymour</u>	<u>Coquitlam</u>	<u>Total</u>
1990	745,500	440,000	412,500	1,598,000
1991	781,400	332,500	355,000	1,468,900
1992	312,000	805,000	323,000	1,440,000
1993	557,500	727,500	210,000	1,495,000
1994	315,000	315,000	190,000	820,000

Watershed Management Financing

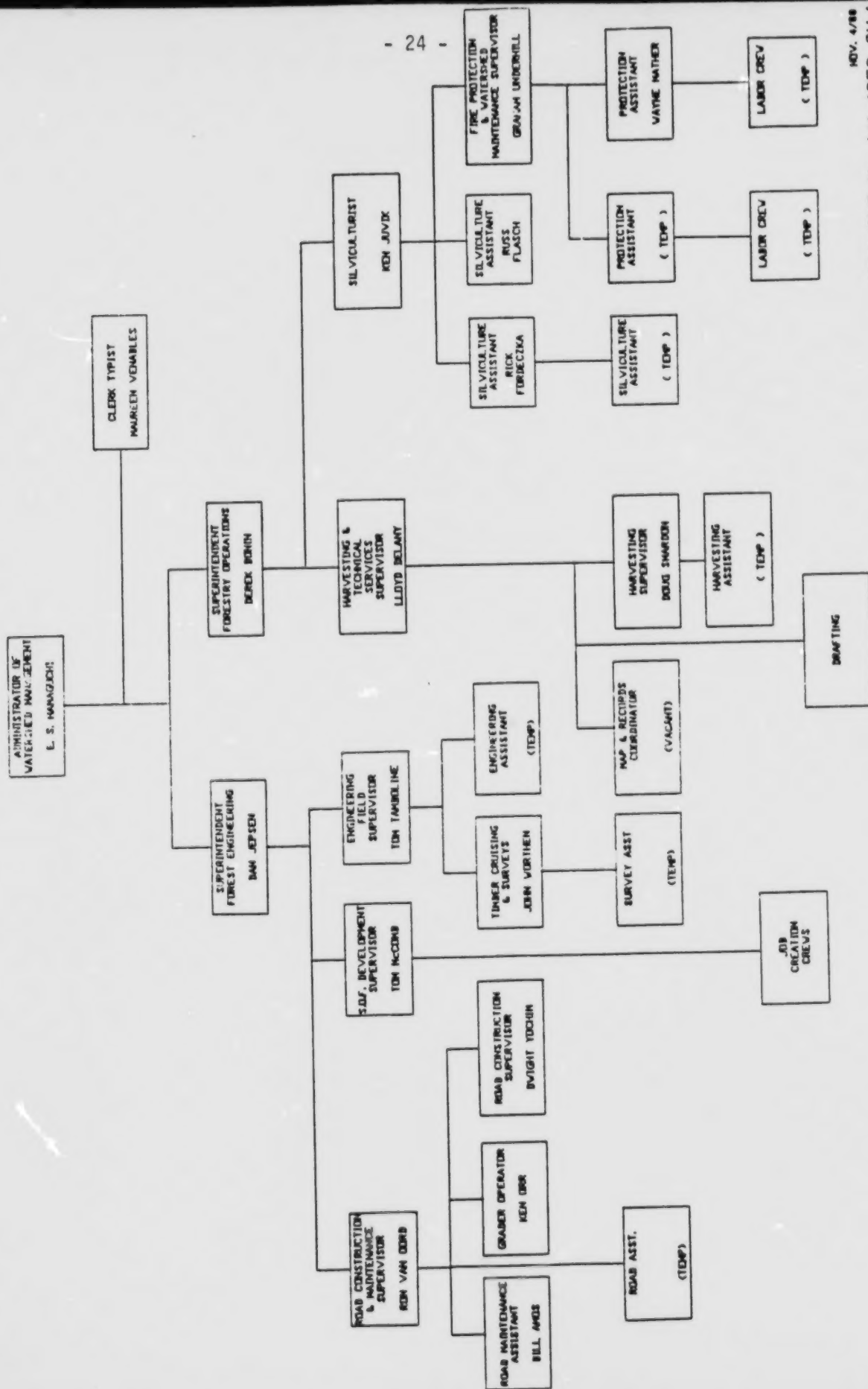
The Watershed Management Program is operated as a separate fund, and is not part of the regular Water District operations and has not impacted on the water rate to date. Over the years this program has produced net surpluses. These surpluses which have amounted to \$8,886,494 at December 31, 1988 have been set aside in the Reserve Fund for the long term Watershed Management Program.

To date all capital expenditures for Watershed Management have been financed from the Reserve Fund and written off to operations based on volumes of timber removed. At December 31, 1988 the amortized cost of capital works amounted to \$6,280,523 and represented the net advance from the Reserve Fund.

The Watershed Management Program carries such indirect costs as watershed taxes, interest charges, the Seymour Demonstration Forest Project and Watershed Security which would otherwise impact directly on the water rate.

Watershed taxes	\$ 270,000
Security of Watersheds	960,220
Seymour Demonstration Forest	314,535
Interest charges (estimated)	<u>70,000</u>
	<u>\$1,614,755</u>

G.V.R.D. FORESTRY DEPT ORGANIZATION '89



GREATER VANCOUVER WATER DISTRICT

Watershed Management Program
Statement of Logging Income

	1988 FINAL BUDGET			1988 ACTUAL			1989 FINAL BUDGET		
	FBM	AMOUNT	\$ PER MBM	FBM	AMOUNT	\$ PER MBM	FBM	AMOUNT	\$ PER MBM
LOG SALES	30,472,008	\$11,502,889	377.49	20,418,525	\$9,009,947	441.26	29,500,000	\$12,685,000	430.00
COST OF LOGS SOLD									
OPENING INVENTORY - BOOMS & YARDS	8,677,204	3,211,173	370.07	8,677,204	3,211,173	370.07	8,690,277	3,721,698	428.26
COST OF LOGS PRODUCED	27,794,804	10,115,891	363.95	20,431,598	8,749,958	428.26	30,521,700	12,982,114	425.34
	36,472,008	13,327,064	365.41	29,108,802	11,961,131	410.91	39,211,977	16,703,812	425.99
CLOSING INVENTORY - BOOMS & YARDS	6,000,000	2,183,700	363.95	8,690,277	3,721,698	428.26	9,997,204	4,252,215	425.34
	30,472,008	11,143,364	365.69	20,418,525	8,239,433	403.53	29,214,773	12,451,596	426.21
GROSS PROFIT FROM LOG SALES		359,525			770,514			233,404	
GENERAL EXPENSES									
ADMINISTRATION - LABOUR & OVERHEAD	115,000		119,633					88,662	
- OFFICE & OTHER EXP'S	50,000		9,518					76,338	
	165,000		129,151					165,000	
SURVEYS, MAPPING, AND CRUISING	310,000		317,416					354,008	
PROPERTY TAXES	270,000		279,541					270,000	
MANAGEMENT PLAN	68,000		0					91,258	
WATERSHED RESEARCH	25,000		19,647					19,688	
PRODUCTION PLAN & ANNUAL REPORT	10,000		164,004					106,398	
SEYMOUR DEMONSTRATION FOREST	285,000		286,932					314,535	
	1,133,000		1,196,691					1,320,887	
NET INCOME/(LOSS) FROM LOGGING									
OPERATIONS BEFORE INTEREST	(773,475)		(426,177)					(1,087,483)	
INTEREST IN FUNDS EMPLOYED	120,000		188,487					200,000	
NET LOGGING INCOME/(LOSS) Y-T-O	(653,475)		(\$237,690)					(\$887,483)	

GREATER VANCOUVER WATER DISTRICT

Watershed Management Program
Cost of Logs Produced

	1988 FINAL BUDGET			1988 ACTUAL			1989 FINAL BUDGET		
	FBM	AMOUNT	\$ PER MBM	FBM	AMOUNT	\$ PER MBM	FBM	AMOUNT	\$ PER MBM
FALLING AND BUCKING									
OPENING INVENTORY - WOODS	1,194,804	20,819	17.42	1,194,804	20,819	17.42	3,021,700	58,771	19.45
COST OF FALLING AND BUCKING	28,100,000	508,610	18.10	22,258,494	420,379	18.89	29,000,000	603,748	20.82
CLOSING INVENTORY - WOODS	29,294,804	529,429	18.07	23,453,298	441,198	18.81	32,021,700	662,519	20.69
	1,500,000	27,150	18.10	3,021,700	58,771	19.45	1,500,000	31,228	20.82
	27,794,804	502,279	18.07	20,431,598	382,427	18.72	30,521,700	631,291	20.68
YARD AND HULLING									
CONTRACT	3,194,000		114.91	2,583,359		126.44	4,281,863		140.29
SPUR LOGGING ROADS - MITCE	560,000		20.15	1,065,131		52.13	1,333,059		43.68
SPUR & MAIN ROAD AMORTIZATION	495,000		17.81	470,947		23.05	629,415		20.62
CONCRETE BRIDGE AMORTIZATION	70,000		2.52	56,058		2.74	72,508		2.38
CLEARING CREEKS	85,000		3.06	107,494		5.26	222,887		7.30
MINOR FOREST PRODUCTS	5,000		0.18	4,453		0.22	21,400		0.70
PERMITS	0		0.00	8,357		0.41	100		0.00
	4,409,000		158.63	4,295,799		210.25	6,561,232		214.97
BOOMING									
CONTRACT SERVICES	390,000		14.03	349,916		17.13	437,208		14.32
EQUIPMENT RENTALS	40,000		1.44	60,621		2.97	60,000		1.97
TOWING AND STORAGE	80,000		2.88	37,083		1.81	80,000		2.62
LAND RENTAL AND TAXES	160,000		5.76	173,894		8.51	175,000		5.73
LOG LOADERS	200,000		7.20	184,042		9.01	201,196		6.59
BOOMING GEAR	15,000		0.54	-25,085		-1.23	35,000		1.15
BEACH YARD MAINTENANCE	50,000		1.80	26,271		1.29	41,170		1.35
AMORTIZATION OF BOOMING GROUNDS	5,000		0.18	2,093		0.10	3,094		0.10
MISCELLANEOUS	20,000		0.72	29,633		1.45	36,223		1.19
	960,000		34.54	838,458		41.04	1,068,891		35.02
OTHER COSTS									
STUMPAGE ROYALTY AND SCALING	2,360,000		84.91	1,703,400		83.37	2,482,485		81.34
BASIC SILVICULTURE	320,000		11.51	115,792		5.67	484,191		15.21
INTENSIVE SILVICULTURE	310,000		11.15	303,233		14.84	544,405		17.84
WATERSHED PROTECTION	262,000		9.43	204,900		10.03	269,399		8.83
SECURITY	992,612		35.71	905,949		44.34	960,220		31.46
	4,244,612		152.71	3,233,274		158.25	4,720,700		154.67
COST OF LOGS PRODUCED	27,794,804	10,115,891	363.95	20,431,598	8,749,958	428.26	30,521,700	12,982,114	425.34

GREATER VANCOUVER WATER DISTRICT

Watershed Security Program
Year Ending December 31, 1989

Purpose

The purpose of the Watershed Security Program is to protect the water supply and water catchment areas by controlling access, by apprehending trespassers and evicting them, and by assuring that the actions of those people working within the watersheds are consistent with District policy, and as such do not threaten the water supply.

Level of Activity

The Watershed Security section maintains a 24-hour guard at the following locations: Seymour Falls Dam, Capilano Watershed, Marion Divide (seasonal), and the Coquitlam Watershed. In addition, the section has been manning the Rice Lake guardhouse for the Seymour Demonstration Forest and will continue to do so in 1989.

In addition to the guardhouses, the section carries out vehicular and foot patrols throughout the watersheds, aimed at locating and removing trespassers. Additional patrols are added during the summer months to provide coverage between dawn and darkness. This practice, which was begun in 1987, has been successful in reducing the number of after hours trespassers and will be continued in 1989.

The watershed security section is also responsible for maintaining sanitation facilities in the watersheds. This involves supplying each work site with a toilet which is serviced daily. The toilet is moved as the work moves to assure that it remains convenient for use. Toilet wastes are removed by the security staff for incineration outside of the watershed. The Watershed Security group also maintains surveillance on all work sites to ensure proper storage and handling of petroleum products and wastes to prevent contamination of the water supply.

The security section also identifies problems related to District security facilities and advises on solutions. In this regard, provision has been made in the 1989 budget for installation of a fence at the remote end (Marion Divide) of the Capilano watershed.

In addition to the duties performed by field staff, office staff carry out a screening and certification program to determine eligibility of people who must enter the watersheds for work purposes. As many as 1200 applications from employees and non-employees are processed in a year.

In 1988, work was completed on a program to improve the watershed entry process including the production of an educational film which is now shown to all applicants. This educational approach has resulted in better protection of the water at source.

GREATER VANCOUVER WATER DISTRICT

Watershed Security Program
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$656,183	\$630,844	\$699,669	
Board & rented vehicles	75,800	72,632	76,160	
Mileage	520	157	541	
Telephone	2,200	2,269	2,500	
Legal	2,000		2,000	
Other services	50,000	6,409	52,624	
Purchased repairs & maintenance	2,600	2,878	3,120	
Materials & supplies	14,248	15,642	15,359	
Gas & electricity	6,968	2,715	7,247	
Provision for equipment replacement	1,000	1,354	1,000	
Indirect departmental costs allocated	191,093	175,125	110,000	
Recoveries	(10,000)	(4,076)	(10,000)	
	<u>\$992,612</u>	<u>\$905,949</u>	<u>\$960,220</u>	<u>\$960,220</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

ESTABLISHED 1914

4330 KINGSWAY
BURNABY B.C.
CANADA V5H 4G8
PHONE (604) 432-6200
FAX (604) 432-6251

TO: Administration Board
FROM: Executive Committee
RE: 1989 Final Budget
DATE: March 15, 1989

The Greater Vancouver Sewerage & Drainage District Final Budget for 1989 is presented for your consideration.

CHANGES FROM PROVISIONAL BUDGET

Sewerage & Drainage

Expenditure levels in Operations and Maintenance are unchanged from Provisional, although there has been a change in some of the specific projects planned for 1989.

Administration costs have increased due to the transfer of Property Services resources from capital projects.

The rising trend in interest rates has forced an increase in the budget for Debt Charges.

1989 Provisional Budget	\$37,045,485
Debt Charges	613,551
Administration & General - Property Services	78,200
Operations & Maintenance	
Engine overhaul at Iona plant	\$(52,000)
Increased costs for N.W. Langley plant	23,700
Removal of deposits in sewer lines	50,800
Reduction in property taxes	(90,700)
Increased labour at Iona plant	68,200
	0
	\$37,737,236
	=====

The total levies for GVS&DD facilities for 1988 and 1989 by municipality are given in Appendix "D".

Solid Waste Operations

The rate is unchanged from that set earlier in the year, although the budget for debt charges has been increased by \$893,621 because of the rising trend in interest rates. This increase was offset by a greater surplus carried forward from 1988.

1989 FINAL BUDGET

Sewerage & Drainage

Operating Costs

Changes in the operating costs from the 1988 Final Budget are summarized as follows:

	ADMINISTRATION & GENERAL	OPERATIONS & MAINTENANCE	RESEARCH & DEVELOPMENT	RECYCLING	TOTAL
1988 Final Budget	\$620,797	\$14,154,878	\$60,838	\$158,172	\$14,994,685
1988 Extraordinary Items		(664,309)			(664,309)
1989 Base Budget (before inflation)	620,797	13,490,569	60,838	158,172	14,330,376
1989 Extraordinary Items (Appendix A)	78,200	488,200			566,400
Change in Level of Service (Appendix B)		695,700			695,700
Increase in Base Budget (Appendix C)	124,900	82,900			207,800
Inflation	2,595	520,248	1,804	16,192	540,839
1989 Final Budget	<u>\$826,492</u>	<u>\$15,277,617</u>	<u>\$62,642</u>	<u>\$174,364</u>	<u>\$16,341,115</u>

Debt Charges

Debt charges are projected to increase \$196,271 over the 1988 Final Budget. Capital expenditures planned for 1989 total \$5,205,000 and include the completion of the outfall in the Vancouver Sewerage Area, sewer rehabilitation work in the Surrey section of the Fraser Sewerage Area, and Liquid Waste Management studies.

Solid Waste

1989 operations include the first full year of operation of the incinerator and the start-up of the Cache Creek facility, resulting in substantial increases in operating costs and debt charges. Volumes are projected at 725,000 tonnes, an increase of 109,400 (17.8%) over 1988.

1988 ACTUAL

Sewerage & Drainage

Variance from 1988 Final Budget:

	<u>Favourable/ (Unfavourable)</u>
Debt Charges	\$1,602,471
Administration & General	(161,678)
Operations & Maintenance	406,458
Research & Development	31,329
Recycling	(23,920)
Financing for members	<u>53,887</u>
	<u>\$1,908,547</u> =====

Debt Charges

The 1988 Final Budget had been based on an average interest rate of 11% whereas the actual average was only 9.35%. As well, a large planned debenture issue was not made resulting in lower charges.

Administration & General

A portion of a lump sum payment made pursuant to union contract settlement and not included in the budget accounted for most of the variance.

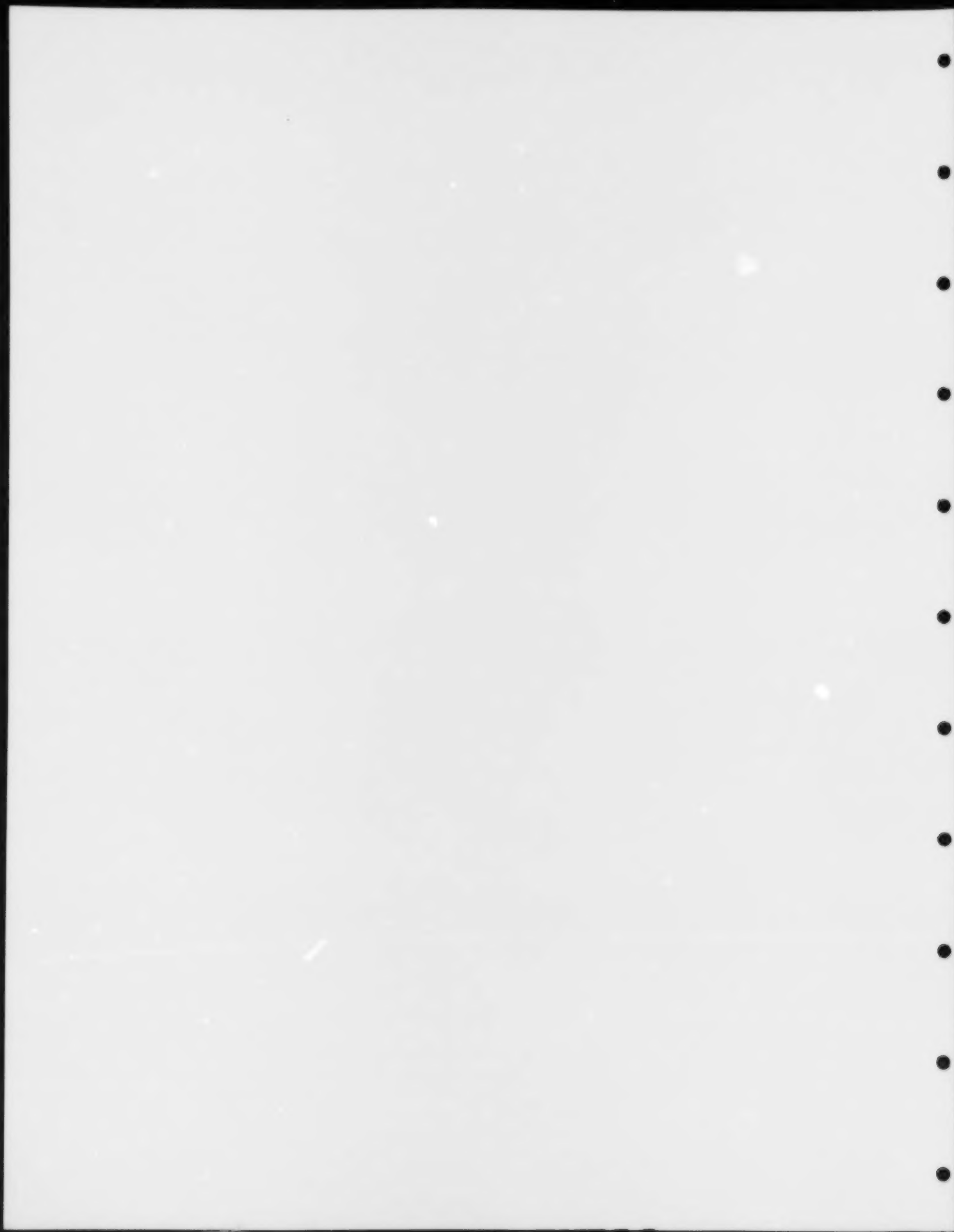
Operations & Maintenance

The bulk of the favourable variance was in the Sewer Treatment Plants and was largely the result of resources being reallocated to capital works, and reduced fuel, gas and electrical consumption at the Iona plant. Delays in hiring staff for pumping stations, quality control and source control also contributed.

Partially offsetting these were emergency repairs to trunks and interceptors because of leaks and corrosion, and unanticipated complexities in the Iona Deep Sea Monitoring project.

Solid Waste

The volume received was 615,600 tonnes as opposed to a budget of 647,485. Steam sales were also under budget by \$1,250,000, the result of lower than planned prices and volumes. However, the lower volumes also resulted in lower operating costs.



Appendix A

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT

1989 Extraordinary Items

ADMINISTRATION & GENERAL

Increased work required of the Property Services Department	\$ 78,200
---	-----------

OPERATIONS & MAINTENANCE

Iona Island STP

Replacement of moisture separators	\$ 15,000	
Concrete restoration and repairs	20,000	
Expansion of Intake Air Filtration system	5,000	
Purchase of engine cylinder liners	45,000	
Sludge removal	60,000	
Replacement of mixer shafts	15,000	
Replacement of No. 2 Digester pipe	10,000	
Painting administration and maintenance buildings	16,000	
		\$186,000

Annacis Island STP

Overhaul cogeneration system	40,000	
Purchase of sedimentation tank chain	30,000	
Upgrade co-gen air filtration	8,000	
Purchase of spare impellor	5,000	
Sludge removal	103,200	
Modification to barscreen flushing	5,000	
Upgrade of boiler supply gas piping	8,000	
		199,200

Lulu Island STP

Purchase of spare impellor	2,000	
Installation of housing around chlorinator	6,000	
Exchange of incinerator mercobowl	50,000	
		58,000

Lions Gate STP

Housing for booster blower	5,000	
Painting No. 3 Digester	6,000	
		11,000

Pumping Stations

Purchase of equipment to improve safety of electrical workers		4,000
---	--	-------

Trunks and Interceptors

Purchase of equipment to improve safety standards and quality of maintenance		30,000
--	--	--------

\$488,200

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT

Appendix B

Change in Level of Service

OPERATIONS & MAINTENANCE

Sewerage Treatment Plants

Increase in staff and related benefits required by need to control odours and cope with increased corrosion	\$ 77,700
---	-----------

Engineering staff required to implement new computerized maintenance program, to assist in cost evaluation of sewerage treatment plant performance, to provide expertise in environmental engineering, and to meet an increasing workload	113,900
--	---------

Upgrading of electrical drafting and records as a result of expansion and revisions at the four plants	68,300
--	--------

Labour costs to cover engine overhauls at Iona STP	33,500
--	--------

A permit requirement for operation of the Deep Sea Outfall at Iona was that a major oceano- graphic and engineering study be carried out to confirm dilution predictions. This project, complete in 1988, will not be repeated in 1989 although a decreased level of monitoring will continue	(115,000)
---	-----------

Higher costs associated with the N.W. Langley STP	<u>23,700</u>	\$202,100
---	---------------	-----------

Pumping Stations

Maintenance supplies and electricity required for a new pumping station - Richmond East	\$ 27,400
--	-----------

Increase in staff (apprentice electrician) and related costs required to meet safety standards	<u>52,200</u>	79,600
---	---------------	--------

Drainage Facilities

Increasing drainage area inspections	22,800
--------------------------------------	--------

Interceptors and Trunks

Canadian National Railway's assessment for annual easement rentals for North Surrey interceptors	4,000
---	-------

Monitoring hydrogen sulphide levels	64,300
-------------------------------------	--------

Increase in staff (sewer regular) and related costs for maintenance of additional trunk sewers	43,000
---	--------

Programs to remove the deposition of solids in the sewer lines	<u>50,800</u>	162,100
---	---------------	---------

Source Control

Source control by-law implementation and administration	<u>229,100</u>
--	----------------

\$695,700

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT

Increase in Base BudgetADMINISTRATION & GENERAL

Increase in general administrative services allocation	\$ 76,500	
Increase in administrative offices allocation	62,300	
Decrease in central administrative services allocation	(4,000)	
Decrease in miscellaneous general expenses	(2,970)	
Decrease in legal fees	<u>(6,930)</u>	
		\$124,900

OPERATIONS & MAINTENANCE

<u>Source Control</u>		
Merit/Reclassification Increases	\$ 4,200	
Annualization of 1988 staff additions	1,900	
Allocated central cost centres	3,800	
Transfer of indirect costs from GVS&DD/GVWD, reorganization of Pollution/Quality Control	<u>48,800</u>	
		\$ 58,700
<u>Operations</u>		
Allocated costs	6,300	
Decrease in property taxes	(90,700)	
Maintenance and repairs to keep laboratories in good operating condition	9,900	
O&M Administration Labour	34,700	
Overtime required due to increased workloads	<u>64,000</u>	
		24,200
		\$ 82,900

Appendix D

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT

Sewerage & Drainage Facilities
 Comparison of 1989 levy to 1988
 (excluding financing for members)

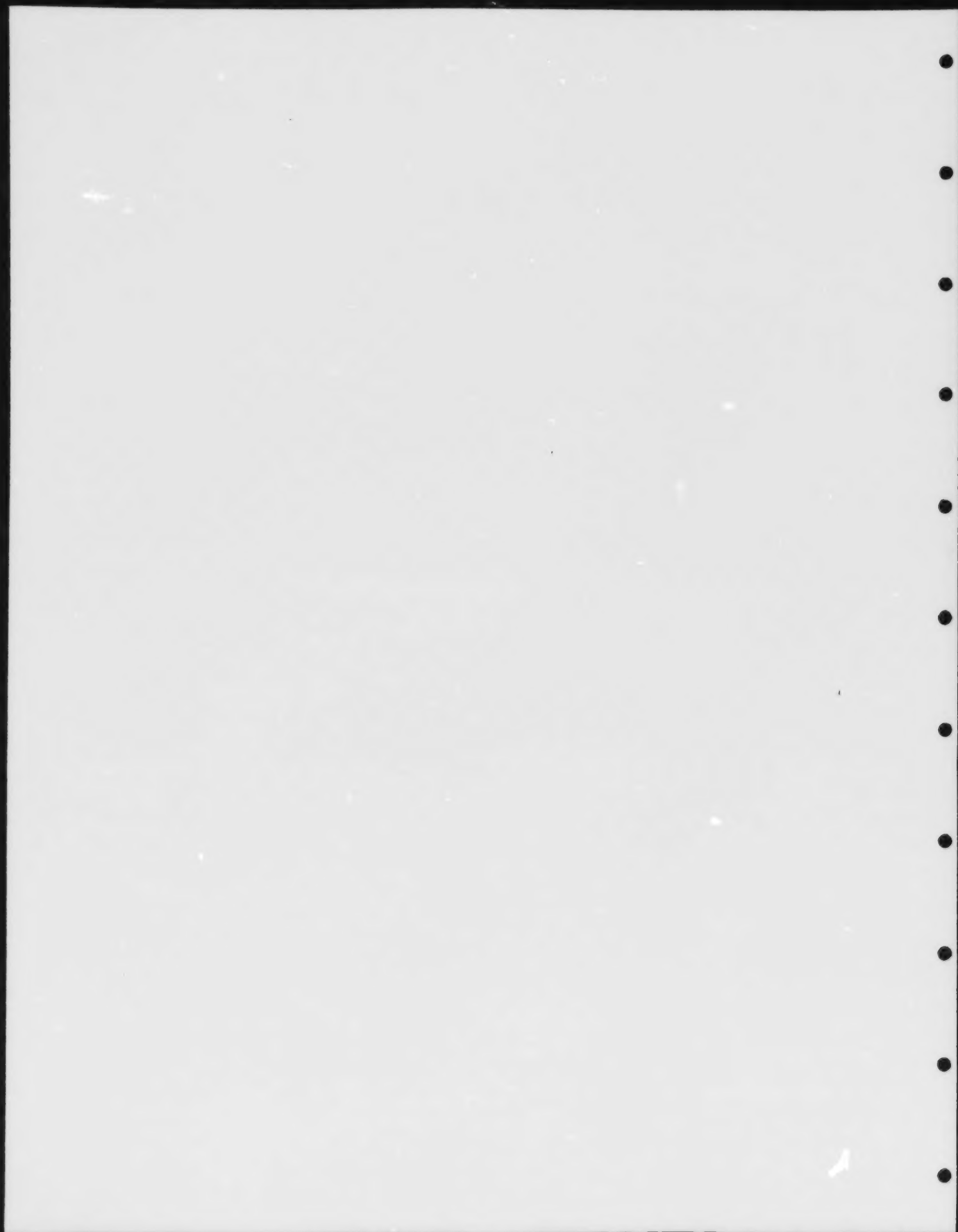
Municipality	1988 Levy	1989 Levy	% Increase (Decrease)
Burnaby	\$ 4,337,924	\$ 4,466,173	3.0
Coquitlam	1,516,190	1,626,539	7.3
Delta	1,574,293	1,656,155	5.2
Langley (City)	358,689	382,990	6.8
Langley (District)	659,338	709,885	7.7
Maple Ridge	1,340,629	1,268,673	(5.4)
New Westminster	1,135,574	1,190,834	4.9
North Vancouver (City)	682,656	676,483	(0.9)
North Vancouver (District)	1,050,113	1,056,350	0.6
Pitt Meadows	228,366	214,759	(6.0)
Port Coquitlam	531,980	576,059	8.3
Port Moody	387,168	440,778	13.8
Richmond	2,731,443	2,894,265	6.0
Surrey	3,289,674	3,566,411	8.4
U.E.L.	70,743	66,105	(6.6)
Vancouver	12,777,738	12,271,659	(4.0)
West Vancouver	913,582	937,732	2.6
White Rock	278,610	297,653	6.8
	<u>\$33,864,710</u>	<u>\$34,299,503</u>	1.3

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Revenue and Expenditure Budget
Year Ending December 31, 1989

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14	Assessed Values Taxable by Rate for Regional Hospital District Purposes for 1988	41



GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Long-term and Ongoing Role

Liquid and solid waste disposal (i.e. sewage, drainage and solid waste) is carried out by the Sewerage and Drainage District pursuant to the Greater Vancouver Sewerage and Drainage District Act. Membership in this District by municipalities is voluntary; however, once in, there is no provision for opting out. The District is legally obliged to perform in accordance with the Act.

1. Sewage - This program involves the collection, treatment and disposal of sewage from member municipalities in accordance with the 1953 Rawn Engineering Report and subsequent amendments. The collection and disposal is accomplished through a system of trunk and intercepting sewers, pump stations and a treatment plant in each of four Sewerage Areas which cover the entire District.
2. Drainage - This program involves the maintenance and improvement of drainage channels that traverse more than one municipality and that have been designated major drainage facilities as requested by members and approved by the Administration Board. Major drainage facilities are located within established Drainage Areas (areas having a single disposal point).
3. Solid Waste - This program involves the disposal of solid wastes generated by member municipalities who have availed themselves of the District's services.

1989 Short-term Objectives for Sewerage and Drainage Programs

The long-term and ongoing role will be maintained in 1989 by the following short-term objectives. Some of the objectives are to be accomplished by capital projects, others by the operation and maintenance programs described.

A. General Objectives

1. To prepare a Liquid Waste Management Plan under the provisions of the Waste Management Act, to provide for the current and future requirements of the Region.

The Plan will cover the collection, treatment and disposal of liquid wastes. Phase I of the studies and public participation is now virtually complete and presents information on existing waste discharges together with a set of realistic waste management options with costs. Phase II, which is expected to commence in 1989, would consist of the preparation of a fully developed plan and could take another 2-3 years to complete.

Recommendations of the Phase I report include (a) developing a regional source control bylaw and increasing source control activities; (b) an environmental monitoring program to determine the impact and significance of wastewater discharges (in particular, Annacis Sewage Treatment Plant); (c) preliminary engineering studies of upgrading alternatives for Annacis Sewage Treatment Plant; (d) effluent dechlorination and alternate sludge disposal methods for Lions Gate STP; (e) joint studies of combined sewer overflows by the District and the Cities of Vancouver and New Westminster to determine the best methods of reducing the impact of sewage overflows to local waters; and (f) continuation and expansion of the public information program.

B. Treatment Plant Objectives

2. To reduce the impact of effluent discharges on the receiving environment by enlargement and improvement of the treatment plant facilities.
 - . At the Annacis Island satellite pump station modify the Braid Street Gate raising system to avoid uncontrolled discharge of sewage through manholes during a possible power failure at the Sapperton Pumping Station.
 - . At the Lulu Island Plant install a new barminutor to avoid bypassing sewage during a failure of one of the two existing barminutors. Flows have increased to the point that one barminutor is insufficient. Additional pumping capacity is also planned.
3. To control operation and maintenance costs by utilizing a computerized preventative maintenance program through acquisition of computers, programs, staff and staff training.
 - . Computers will be installed successively at Lulu Island, Annacis Island, Iona Island and Lions Gate Sewage Treatment Plants. The computers' data will be accessible to terminals located in the Head Office. Full implementation of the project will extend into 1991.
4. To maintain structures, equipment and conduits through corrosion control programs.
 - . Protective coatings will be applied on equipment at all four plants that has been damaged by corrosive gases.
 - . Corroded mild steel equipment and piping will be replaced with aluminum or stainless steel at all four plants.
5. To replace equipment that has reached the end of its useful life.

This equipment includes replacement of such items as diesel storage tanks at Iona, raw sewage pump impellers at Annacis and Lulu Island, the instrument air compressor and a chlorinator at Lions Gate.
6. Upgrading and maintenance of equipment and structures.

Air filtration systems will be enlarged at Iona and Annacis. Some buildings and structures will be painted at Iona and Lions Gate. Major engine overhauls will be carried out at Iona and Annacis. A sludge centrifuge at Lulu Island will be overhauled. The grit handling and disposal system at Lions Gate will be overhauled and modified.
7. To minimize odor production and attendant corrosion problems.
 - . At Annacis, chemical and operational costs will be incurred to operate wet-caustic, hydrogen sulfide scrubbing systems and further evaluate odor sources.
 - . Temporary summer help will be employed at Iona, Annacis, Lions Gate and Lulu Island for intense cleaning programs during the summer months.

8. To minimize sludge disposal costs.

- . The contents of No. 2 sludge lagoon at Annacis and part of the contents of the S.E. sludge lagoon at Iona will be removed for on-site drying.
- . A study of suitable dewatering equipment will continue in 1989 to permit economical transportation of digested sludge from Lions Gate to a separate off-site facility.
- . Investigations will continue in 1989 to investigate and report on practical processes for the conversion of sewage sludge to a fertilizer product.

Review of Prior Years' Objectives for Plants

Capital works to reduce the impact of effluent discharges on the receiving environment and enlarge plant facilities continued in 1988.

- . Construction of the Effluent Pumping Station and the Deep Sea Outfall at Iona were completed and the system commenced operation on April 1, 1988. Fine tuning of the system will continue until June 1989.
- . Construction of a third preaeration and sedimentation tank at Lulu Island was completed in September 1988.

A consulting engineer and new engineering staff have worked in 1988 on the selection of an appropriate computerized maintenance program and hardware. Implementation will commence in early 1989 continuing on into 1991.

At the Iona Plant all extraordinary cost items identified for 1988, plus sludge removal (carried over from 1987), were carried out. In addition, the following items were carried out.

- . Upon completion of a new plant water supply line that was installed under the Capital Works Program, the original plant water supply line was repaired to provide an emergency water supply.
- . The No. 2 plant inlet including the conduit and siphon running beneath the North Arm of the Fraser to the plant was repaired and coated as a result of corrosive attack.

At the Lions Gate Plant all of the identified extraordinary cost items were carried out including the reconstruction of the Administration Building exterior (carried over from 1987).

At Annacis Island all identified extraordinary cost items were carried out. In addition, the following was carried out.

- . The wet caustic scrubber system so dramatically reduced hydrogen sulfide from air that a second system was installed at the Plant inlet works in 1988. Work will continue on system tuning and odor evaluation in 1989.

At Lulu Island all the identified extraordinary cost items were carried out. In addition, the following was carried out.

- . On February 1, 1988, an explosion, the result most likely of a fuel leak, substantially damaged the incinerator and associated equipment. Major repairs were carried out by Dillingham Construction and the unit returned to service on April 1, 1988. In addition to the major repairs, extensive modifications were carried out by District staff.

A. Sewer and Pump Station Objectives

1. To maintain the sewage transportation system in operation.

District crews will continue to carry out routine inspections and maintain the approximately 260 miles of large diameter sewers, the many flow-regulating structures and 34 pumping stations and forcemains.

The results of last year's program to control hydrogen sulphide attack in the larger sewers will be assessed and the program for rehabilitation of damaged sewers will be continued.

2. To reduce the risk of overflows due to system malfunction.

A program for timely replacement of old equipment will be upgraded. Existing equipment will be overhauled and at several pumping stations new equipment will be installed to increase capacity as the demands on the system increase.

The need for additional pumping capacity will be investigated at seven pumping stations and equipment installed where necessary. The need for emergency generators at eleven pumping stations will be investigated and equipment installed where necessary.

The level of maintenance will be improved by reorganization of maintenance crews and their area of responsibility. Two additional staff will be hired to operate and maintain the new pumping station in East Richmond and the additional sewers in the Langley area.

3. To carry out the District mandate to provide sewer service to new members and to keep pace with development.

In South Surrey sewer design will continue to extend service to the north slope. Construction will proceed as needed.

Two new sewer gauges will be installed and existing gauges will be upgraded where necessary to monitor flows in the system in order to identify undersized facilities and plan for their timely improvement. Efforts to locate areas of ground water intrusion into the sewers will continue and storm water separation will be stressed.

Work will also continue to locate and intercept any sanitary sewage discharges to receiving waters.

B. Drainage Objectives

1. To improve the operation and protection against flooding in the surface drainage courses administered by the District.

Bank and channel repairs and improvements will be carried out as required in the various major drainage courses along with landscaping and general maintenance and brush cutting.

In Port Moody and the north slope of Coquitlam the drainage study has been completed and the recommended first priority improvements to the system will be undertaken.

Monitoring of peak flows in the major water courses will continue.

Upgrading of rain gauges will continue with the installation of computer equipment to eliminate existing labour-intensive data processing.

Review of Prior Year's Objectives for Sewers, Pump Stations and Drainage

The sewage transportation system was maintained in operation without breakdowns, thus preventing significant overflows of untreated sewage.

Phase I of the Liquid Waste Management Plan was completed and incorporated within it is much of the work associated with combined sewer overflows which was originally planned as a separate study.

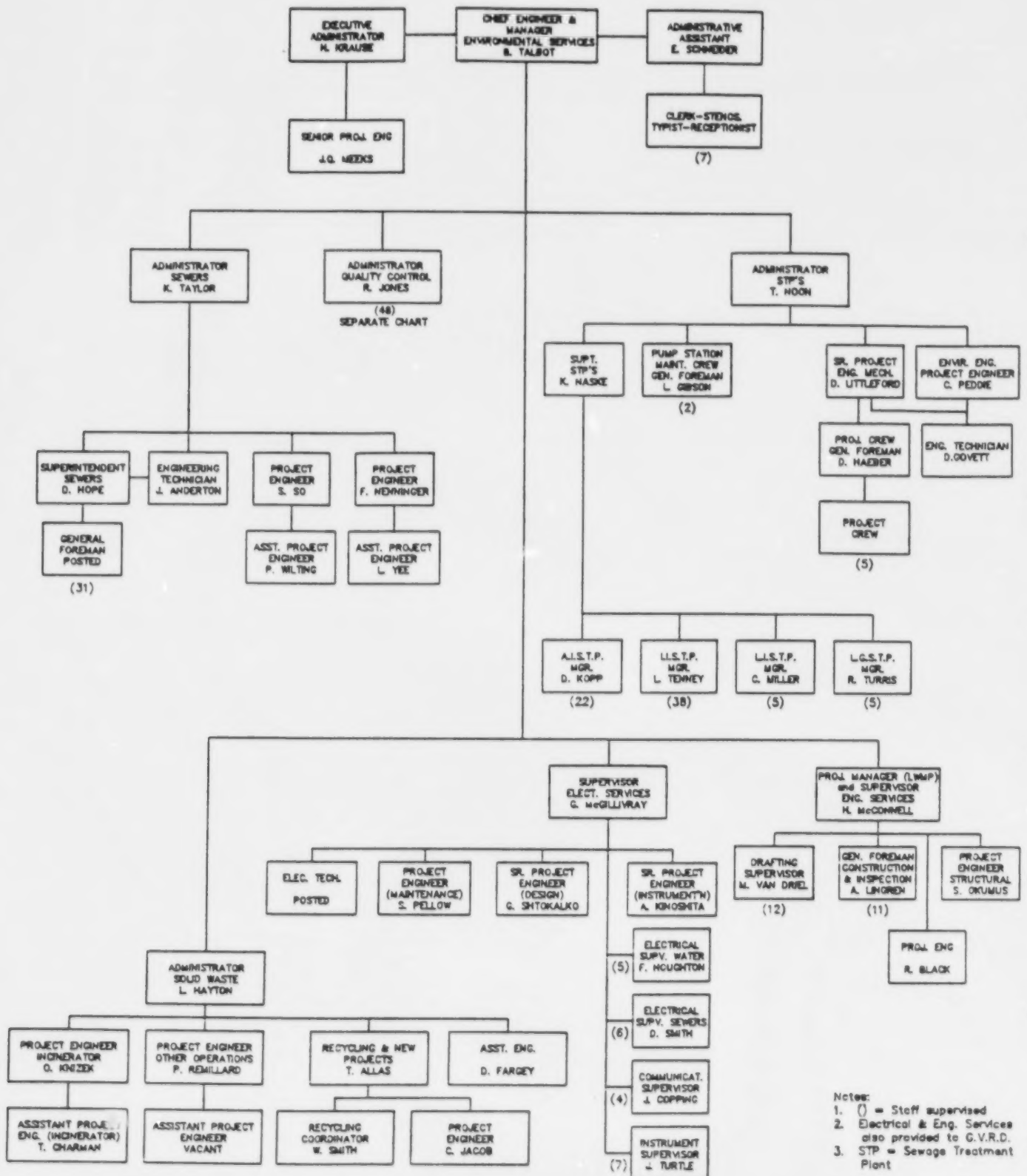
In Surrey, the Serpentine River Crossing was completed. This work is part of the continuing program to twin the existing sewers from South Surrey to the South Surrey Interceptor, to serve an increasing population.

Additional sewers and pumping station capacity was provided to meet increasing flows and to accommodate the Township of Langley. Cloverdale forcemain and Langley forcemain were twinned and Langley Pumping Station was upgraded. A new pumping station was installed in East Richmond to accommodate new development in that area.

The first stage of a program to repair damage to sewers caused by Hydrogen Sulphide was completed.

In New Westminster the Glenbrook Siphon was extended to McBride and Columbia Street to provide service to Woodlands School and a housing Development on the old Penitentiary site.

- 0 -
GREATER VANCOUVER SEWAGE AND DRAINAGE DISTRICT



Notes:
1. () = Staff supervised
2. Electrical & Eng. Services also provided to G.V.R.D.
3. STP = Sewage Treatment Plant

FEBRUARY 20 1989

WA-1256

Schedule 1

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Revenue & Expenditure Budget
Levy for Debt Charges,
Administration and
Operation & Maintenance Expenses

Year Ending December 31, 1989

<u>1988 Final Budget</u>	<u>1988 Actual</u>		<u>Requirements for the Year Ending December 31, 1989</u>	<u>% Change over 1988 Final Budget</u>	<u>(Underexpended) Overexpended in 1988</u>	<u>1989 Levy</u>
		<u>GVS&D Facilities Sewerage & Drainage Debt Charges</u>				
\$19,672,777	\$18,324,036	GVS&D Debt Charges (Sch. 4)	\$19,930,248	+ 1.3	\$(1,348,741)	\$18,581,507
		Recovery				
(56,000)	(309,730)	- Interest earned less Sundry Financial Charges	(117,200)		(253,730)	(370,930)
19,616,777	18,014,306	TOTAL DEBT CHARGES	19,813,048	+ 1.0	(1,602,471)	18,210,577
620,797	782,475	Administration & General Expense (Sch. 6)	826,492	+33.1	161,678	988,170
14,154,878	13,748,420	Operation & Maintenance (Sch. 7)	15,277,617	+ 7.9	(406,458)	14,871,159
60,838	29,509	Research & Development	62,642	+ 3.0	(31,329)	31,313
34,453,290	32,574,710	Total Sewerage & Drainage	35,979,799	+ 4.4	(1,878,580)	34,101,219
158,172	182,092	Recycling Program	174,364	+10.2	23,920	198,284
34,611,462	32,756,802	Total GVS&D facilities	36,154,163	+ 4.5	(1,854,660)	34,299,503
		Financing for Members under Section 7(2) Debt Charges (Sch. 4)	1,583,073	-17.6	(53,887)	1,529,186
36,532,984	34,624,437		\$37,737,236	+ 3.3	\$(1,908,547)	\$35,828,689
(771,738)	(771,738)	1987 underexpenditure carried forward				
\$35,761,246	33,852,699 35,761,246	1988 Levy				
	<u>\$(1,908,547)</u>	1988 Unexpended				

<u>Burnaby</u>	<u>Coquitlam</u>	<u>Delta</u>	<u>Langley (City)</u>	<u>Langley (Dist.)</u>	<u>Maple Ridge</u>	<u>New West- minster</u>	<u>N. Van. City</u>	<u>N. Van. Dist.</u>	<u>Pitt Meadows</u>	<u>Port Coquitlam</u>
\$2,461,186	\$ 883,977	\$ 906,406	\$210,074	\$386,278	\$1,038,707	\$ 767,557	\$225,017	\$ 351,865	\$175,361	\$316,117
<u>(49,333)</u>	<u>(19,331)</u>	<u>(17,146)</u>	<u>(3,965)</u>	<u>(7,349)</u>	<u>(13,134)</u>	<u>(12,329)</u>	<u>(7,004)</u>	<u>(12,302)</u>	<u>(2,223)</u>	<u>(5,964)</u>
2,411,853	864,646	889,260	206,109	378,929	1,025,573	755,228	218,013	339,563	173,138	310,153
110,488	39,419	46,389	9,651	23,477	16,509	23,583	28,735	45,264	3,436	14,582
1,918,161	713,315	709,728	164,988	302,024	222,755	406,544	423,058	661,005	37,387	247,936
<u>3,501</u>	<u>1,249</u>	<u>1,470</u>	<u>306</u>	<u>744</u>	<u>523</u>	<u>747</u>	<u>911</u>	<u>1,434</u>	<u>109</u>	<u>462</u>
4,444,003	1,618,629	1,646,847	381,054	705,174	1,265,360	1,186,102	670,717	1,047,266	214,070	573,133
<u>22,170</u>	<u>7,910</u>	<u>9,308</u>	<u>1,936</u>	<u>4,711</u>	<u>3,313</u>	<u>4,732</u>	<u>5,766</u>	<u>9,084</u>	<u>689</u>	<u>2,926</u>
4,466,173	1,626,539	1,656,155	382,990	709,885	1,268,673	1,190,834	676,483	1,056,350	214,759	576,059
<u>299,010</u>	<u>240,660</u>							<u>131,870</u>		
<u>\$4,765,183</u>	<u>\$1,867,199</u>	<u>\$1,656,155</u>	<u>\$382,990</u>	<u>\$709,885</u>	<u>\$1,268,673</u>	<u>\$1,190,834</u>	<u>\$676,483</u>	<u>\$1,188,220</u>	<u>\$214,759</u>	<u>\$576,059</u>

Schedule 1

West- ster	N. Van. City	N. Van. Dist.	Pitt Meadows	Port Coquitlam	Port Moody	Richmond	Surrey	U.E.L.	Vancouver	West Vancouver	White Rock
557	\$225,017	\$ 351,865	\$175,361	\$316,117	\$230,320	\$1,102,657	\$1,956,178	\$37,667	\$6,995,107	\$373,672	\$163,361
2,329)	(7,004)	(12,302)	(2,223)	(5,964)	(4,741)	(32,670)	(37,095)	(684)	(127,047)	(15,531)	(3,082)
5,228	218,013	339,563	173,138	310,153	225,579	1,069,987	1,919,083	36,983	6,868,060	358,141	160,279
583	28,735	45,264	3,436	14,582	9,920	90,748	92,149	2,107	387,662	36,556	7,495
5,544	423,058	661,005	37,387	247,936	202,974	1,712,445	1,533,769	26,525	4,925,866	534,542	128,137
747	911	1,434	109	462	314	2,876	2,920	67	12,284	1,158	238
3,102	670,717	1,047,266	214,070	573,133	438,787	2,876,056	3,547,921	65,682	12,193,872	930,397	296,149
1,732	5,766	9,084	689	2,926	1,991	18,209	18,490	423	77,787	7,335	1,504
0,834	676,483	1,056,350	214,759	576,059	440,778	2,894,265	3,566,411	66,105	12,271,659	937,732	297,653
		131,870			17,186	261,353	16,698			562,409	
0,834	\$676,483	\$1,188,220	\$214,759	\$576,059	\$457,964	\$3,155,618	\$3,583,109	\$66,105	\$12,271,659	\$1,500,141	\$297,653

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT
Debenture Debt Charges
Year Ending December 31, 1989

SINKING FUND DEBENTURES

ISSUE NUMBER	BY-LAW NUMBER	RATE	MATURITY DATE	DEBT RETIREMENT	INTEREST	TOTAL
41	64	5.5	May 1, 1991	\$ 56,428	\$ 129,250	\$ 185,678
47	75	7.5	Jul. 15, 1989-1994	8,454	149,224	157,678
48	78	9.5	Jan. 15, 1995		256,500	256,500
49	82	9.5	May 1, 1990		380,000	380,000
50	88	9.25	Oct. 1, 1995	62,857	277,500	340,357
53A	89	8.0	May 15, 1991	206,553	207,840	414,393
57B	93	7.75	Apr. 15, 1992	204,883	199,718	404,601
74B	114	9.5	Apr. 15, 1995	159,004	190,000	349,004
96	140	12.75	Oct. 15, 1989	142,027	601,520	743,547
97		9.0	Aug. 15, 1991	700,000	2,700,000	3,400,000
				<u>1,540,206</u>	<u>5,091,552</u>	<u>6,631,758</u>

SERIAL DEBENTURES

22	32	5.125	Jan. 1, 1989-2002	2,421	2,193	4,614
23	33	5.125	Jul. 1, 1989-2002	1,759	1,680	3,439
25	38	5.375	Oct. 1, 1989-2002	9,663	10,105	19,768
26	39	5.125	Jan. 1, 1989-2003	2,146	2,158	4,304
27	40	5.125	Jan. 1, 1989-2003	2,921	2,936	5,857
28	42	5.125	Jan. 1, 1989-2003	1,581	1,589	3,170
29	43	5.125	Jul. 1, 1989-2003	113,067	119,462	232,529
31	46	5.125	Jul. 1, 1989-2003	2,393	2,528	4,921
32	50	5.0-5.25	Jun. 15, 1989-1989	58,767	3,095	61,862
33	51	5.125	Jan. 1, 1989-2004	14,518	16,103	30,621
34	54	5.5	Nov. 16, 1989-1989	220,241	12,113	232,354
35	55	5.375	Jan. 1, 1989-2005	8,724	11,388	20,112
36	57	5.375	Jul. 1, 1989-1990	1,073	87	1,160
37	58	5.375	Jul. 1, 1989-1990	2,611	212	2,823
38	59	5.5	Jul. 2, 1989-1990	136,507	11,320	147,827
39	60	5.125	Jul. 1, 1989-2005	69,344	88,454	157,798
40	61	5.375	Dec. 1, 1989-2005	3,523	5,017	8,540
42	65	5.375	Jan. 1, 1989-2006	12,605	18,039	30,644
43	69	6.0	May 1, 1989-1992	160,041	34,456	194,497
44	70	5.375	Jan. 1, 1989-2007	25,477	39,833	65,310
45	71	6.125	Jan. 1, 1989-2007	922	1,769	2,691
46	72	6.0	Jul. 1, 1989-2007	1,537	2,983	4,520
51	90	6.875	Sep. 1, 1989-1990	9,289	1,101	10,390
			Carried Forward	<u>861,130</u>	<u>388,621</u>	<u>1,249,751</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT
Debenture Debt Charges
Year Ending December 31, 1989

SERIAL DEBENTURES

<u>ISSUE NUMBER</u>	<u>BY-LAW NUMBER</u>	<u>RATE</u>	<u>MATURITY DATE</u>	<u>DEBT RETIREMENT</u>	<u>INTEREST</u>	<u>TOTAL</u>
			Brought Forward	\$ 861,130	\$ 388,621	\$1,249,751
52	91	6.875	Jan. 1, 1989-1991	7,592	952	8,544
54	94	7.875	Jan. 1, 1989-1992	36,340	9,476	45,816
55	94	8.25	Jan. 1, 1989-1992	31,483	8,641	40,124
56	94	8.25	Jan. 1, 1989-1992	28,395	7,794	36,189
58	103	6.875	Jan. 1, 1989-1992	120,163	24,527	144,690
59B	102	8.0	Feb. 15, 1989-1993	221,027	82,294	303,321
60B	104	8.25	Jul. 2, 1989-1993	288,531	123,430	411,961
61	106	7.25	Jan. 1, 1989-1993	39,481	13,012	52,493
62	106	7.25	Jan. 1, 1989-1993	35,985	11,860	47,845
63	106	7.5	Jan. 1, 1989-1993	28,874	9,888	38,762
64	106	6.875	Jan. 1, 1989-1993	302,128	87,109	389,237
65	108	7.875	Jan. 1, 1989-1993	47,044	17,030	64,074
66	108	8.25	Jan. 1, 1989-1993	31,856	12,162	44,018
67	108	7.5	Jan. 1, 1989-1993	24,640	8,438	33,078
68	109	7.875	Jan. 1, 1989-1993	166,305	60,203	226,508
69	108	7.5	Jul. 1, 1989-1993	21,376	8,367	29,743
70	108	7.625	Jul. 1, 1989-1993	53,674	21,414	75,088
71	110	7.875	Jan. 1, 1989-1994	38,942	18,356	57,298
72	110	7.5	Jan. 1, 1989-1994	35,894	15,974	51,868
73	110	7.5	Jan. 1, 1989-1994	155,018	68,991	224,009
75	115	7.5	Jan. 1, 1989-1995	89,386	49,650	139,036
76	115	7.5	Jan. 1, 1989-1995	32,295	17,938	50,233
77	115	7.5	Jan. 1, 1989-1995	117,276	65,142	182,418
78	115	7.625	Jan. 1, 1989-1995	144,324	81,794	226,118
79	117	7.5	Jul. 1, 1989-1995	227,453	139,248	366,701
80	117	7.0	Jul. 1, 1989-1995	60,328	33,940	94,268
81	117	7.625	Jan. 1, 1989-1996	146,975	101,189	248,164
82	117	8.0	Jan. 1, 1989-1996	133,995	98,041	232,036
83	117	10.0	Jan. 1, 1989-1996	3,590	3,519	7,109
84	117	10.375	Jan. 1, 1989-1996	3,112	3,206	6,318
85	118	9.5	May 5, 1989-1996	350,000	244,183	594,183
86	119	7.875	Jul. 1, 1989-1995	44,594	29,002	73,596
87	119	8.0	Jan. 1, 1989-1996	42,659	31,213	73,872
88	121	8.875-9.375	Nov. 1, 1989-1997	152,339	183,181	335,520
89	124	7.625	Jan. 1, 1989-1997	238,997	195,900	434,897
90	125	8.0-9.75-10.5	Jan. 1, 1989-1998	139,424	196,725	336,149
91	126	9.625-10.0	Jan. 1, 1989-1999	22,448	36,115	58,563
92	127	10.0	Jan. 1, 1989-2000	69,217	133,260	202,477
93	128	11.75-12.0-12.5	Sep. 15, 1989-2000	400,000	581,797	981,797
				4,994,290	3,223,582	8,217,872
				\$6,534,496	\$8,315,134	\$14,849,630

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Debt Charges
Year Ending December 31, 1989

1988 Actual	Debt	1989 Final Budget		
		Debt Retirement	Interest	Total
	Greater Vancouver Sewerage & Drainage			
\$17,129,732	District Debenture Debt (Sch. 2)	\$6,534,496	\$ 8,315,134	\$14,849,630
306,027	Premium on U.S. Funds	89,600	223,700	313,300
	Proposed debenture issues			
	- new issues	236,648	6,537,050	6,773,698
	- refinancing temporary			
	debenture issues	745,260	1,051,822	1,797,082
17,435,759		7,606,004	16,127,706	23,733,710
	Debt charges assumed re			
	members' facilities			
9,018	City of Port Coquitlam	7,859	1,126	8,985
43,950	City of Langley		44,000	44,000
	Interest on temporary			
8,981,647	capital borrowing		6,000,016	6,000,016
26,470,374	TOTAL DEBT CHARGES	7,613,863	22,172,848	29,786,711
	Less			
(155,604)	Interest on Mortgage		(140,307)	(140,307)
(2,465,190)	Interest charged to			
(3,611,403)	construction projects		(37,894)	(37,894)
	Solid waste operations		(8,095,189)	(8,095,189)
	Debt charges recovered			
(46,506)	from non-members			
\$20,191,671	NET DEBT CHARGES	\$7,613,863	\$13,899,458	\$21,513,321

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Distribution of Interest
and Debt Retirement Charges
Year Ending December 31, 1989

<u>1988 Actual</u>		<u>Requirements for the Year Ending December 31, 1989</u>	<u>(Underexpended) Overexpended in 1988</u>	<u>1989 Levy</u>
	<u>Sewerage Areas</u>			
\$ 7,108,992	Fraser	\$ 7,562,658	\$ (286,695)	\$ 7,275,963
	- General Facilities			
936,185	- Maple Ridge/Pitt Meadows Facilities	935,201	(53,763)	881,438
803,501	Lulu Island West	914,467	(52,393)	862,074
	North Shore			
85,634	- Gleneagles Interceptor	99,716	(10,553)	89,163
742,488	- Other Facilities	756,940	(13,120)	743,820
7,343,168	Vancouver	7,937,052	(784,460)	7,152,592
	<u>Drainage Areas</u>			
501	Byrne Road	2,753	(26)	2,727
1,435	Kyle Street	7,034	(31)	7,003
4,479	Musqueam	4,479	(1)	4,478
5,174	Schoolhouse	10,832		10,832
(9)	University		(9)	(9)
	Still Creek-Brunette River			
232,660	- General	264,314	(18,074)	246,240
223,564	- Lower Brunette	249,770	101	249,871
593	William Street	5,939	(31)	5,908
	<u>General</u>			
	Investigations, contribution to equipment fund, updating Rawn Report & construction facilities	181,159	(119,277)	61,882
26,774	Solid Waste Disposal Plan	37,562	(11,552)	26,010
725,255	Land Improvement Fund	960,372	1,143	961,515
18,324,036	Total Relative to District's Facilities	19,930,248	(1,348,741)	18,581,507
1,867,635	Financing for members under Section 7(2) (Schedule 5)	1,583,073	(53,887)	1,529,186
<u>\$20,191,671</u>	<u>TOTAL (Schedule 3)</u>	<u>\$21,513,321</u>	<u>\$(1,402,628)</u>	<u>\$20,110,693</u>

<u>Burnaby</u>	<u>Coquitlam</u>	<u>Delta</u>	<u>Langley (City)</u>	<u>Langley (District)</u>	<u>Maple Ridge</u>	<u>New West- minster</u>	<u>N. Van. (City)</u>	<u>N. Van. (Dist.)</u>	<u>Pitt Meadows</u>	<u>Port Coquitlam</u>
\$1,609,536	\$813,614	\$ 857,073	\$200,079	\$361,965	\$ 267,560	\$488,918	\$	\$	\$ 44,415	\$300,609
					754,050				127,388	
							194,459	303,728		
552,524										
2,721						6				
	3,281									
	5,279									
178,905	17,502					3,682 249,871				
	2,379									
6,919	2,469	2,905	604	1,470	1,034	1,477	1,799	2,835	215	91
3,073	1,097	1,290				656	799	1,259		40
<u>107,508</u>	<u>38,356</u>	<u>45,138</u>	<u>9,391</u>	<u>22,843</u>	<u>16,063</u>	<u>22,947</u>	<u>27,960</u>	<u>44,043</u>	<u>3,343</u>	<u>14,188</u>
<u>\$2,461,186</u>	<u>\$883,977</u>	<u>\$ 906,406</u>	<u>\$210,074</u>	<u>\$386,278</u>	<u>\$1,038,707</u>	<u>\$767,557</u>	<u>\$225,017</u>	<u>\$351,865</u>	<u>\$175,361</u>	<u>\$316,111</u>

Schedule 4

<u>West-</u> <u>minster</u>	<u>N. Van.</u> <u>(City)</u>	<u>N. Van.</u> <u>(Dist.)</u>	<u>Pitt</u> <u>Meadows</u>	<u>Port</u> <u>Coquitlam</u>	<u>Port</u> <u>Moody</u>	<u>Richmond</u>	<u>Surrey</u>	<u>U.E.L.</u>	<u>Vancouver</u>	<u>West</u> <u>Vancouver</u>	<u>White</u> <u>Rock</u>
88,918	\$	\$	\$ 44,415	\$300,609	\$205,664	\$ 39,689	\$1,858,181	\$	\$ 73,270	\$	\$155,390
			127,388								
						862,074					
	194,459	303,728								89,163	
										245,633	
						104,386		35,436	6,460,246		
6											
					3,722						
									4,478		
					5,553						
								(9)			
3,682					1,303				44,848		
249,871					3,529						
1,477	1,799	2,835	215	913	621	5,683	5,771	132	24,277	2,289	469
656	799	1,259		406	276	2,524	2,563	59	10,783	1,017	208
22,947	27,960	44,043	3,343	14,189	9,652	88,301	89,663	2,049	377,205	35,570	7,294
767,557	\$225,017	\$351,865	\$175,361	\$316,117	\$230,320	\$1,102,657	\$1,956,178	\$37,667	\$6,995,107	\$373,672	\$163,361

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Distribution of Interest
and Debt Retirement Charges
For Financing Under Section 7(2)
Year Ending December 31, 1989

		Requirements for the Year Ending December 31, 1989	(Underexpended) Overexpended in 1988	1989 Levy
District of Burnaby	6	\$ 120,182	\$	\$ 120,182
	7	132,940	(8,443)	124,497
	8	61,477	(7,146)	54,331
		<u>314,599</u>	<u>(15,589)</u>	<u>299,010</u>
District of Coquitlam	3	714		714
	4	40,558		40,558
	5	31,117	(2,255)	28,862
	6	57,756		57,756
	7	15,990		15,990
	8	15,715		15,715
	9	35,681		35,681
	10	45,384		45,384
		<u>242,915</u>	<u>(2,255)</u>	<u>240,660</u>
District of North Vancouver	1	14,669		14,669
	2	102,248	(199)	102,049
	3	23,187	(8,035)	15,152
		<u>140,104</u>	<u>(8,234)</u>	<u>131,870</u>
City of Port Moody	1	<u>19,481</u>	<u>(2,295)</u>	<u>17,186</u>
Township of Richmond	1	23,303	(2,530)	20,773
	2	18,825	(731)	18,094
	3	46,263		46,263
	4	95,213		95,213
	5	37,340		37,340
	6	43,670		43,670
		<u>264,614</u>	<u>(3,261)</u>	<u>261,353</u>
District of Surrey	1	<u>18,884</u>	<u>(2,186)</u>	<u>16,698</u>
District of West Vancouver	3	7,617		7,617
	4	23,634		23,634
	5	24,165		24,165
	6	11,811		11,811
	7	374,772	(20,067)	354,705
	8	140,477		140,477
		<u>582,476</u>	<u>(20,067)</u>	<u>562,409</u>
		<u>\$1,583,073</u>	<u>\$(53,887)</u>	<u>\$1,529,186</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Administration
and General Expense Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Administration</u>				
Allocated from Greater Vancouver Regional District				
- Administration offices	\$ 213,200	\$ 231,569	\$ 275,500	\$ 275,500
- General Administrative Services	251,500	291,376	328,000	406,200
- Central administrative services	59,100	59,100	55,100	55,100
Sewerage Area assessment database	14,071	13,283	11,311	11,311
Engineering administration	51,726	11,113	47,155	47,155
	<u>589,597</u>	<u>636,441</u>	<u>717,066</u>	<u>795,266</u>
<u>General</u>				
Travel time payout		95,550		
Legal	10,400	8,923	10,400	10,400
Audit	13,000	13,143	13,000	13,000
Travel	3,120		3,245	3,245
Miscellaneous	4,680	28,418	4,581	4,581
	<u>31,200</u>	<u>146,034</u>	<u>31,226</u>	<u>31,226</u>
TOTAL	<u>\$ 620,797</u>	<u>\$ 782,475</u>	<u>\$ 748,292</u>	<u>\$ 826,492</u>

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT

Operation & Maintenance Budget
By Program
Year Ending December 31, 1989

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Sewer Treatment Plants					
Annacis Island STP	8(a)	\$ 2,887,715	\$ 2,737,100	\$ 3,122,057	\$ 3,031,312
Northwest Langley STP		208,000	240,049	216,320	240,138
Iona Island STP	8(a)	3,730,891	3,454,017	3,862,831	3,878,963
Lions Gate STP	8(a)	1,025,574	964,632	1,066,478	1,066,478
Lulu Island STP	8(a)	1,010,921	1,070,086	1,095,088	1,095,088
Sub-total		8,863,101	8,465,884	9,362,774	9,311,979
Pumping Stations	8(b)	1,876,777	1,796,232	2,147,042	2,147,042
Trunks & Interceptors	8(c)	913,215	1,075,361	1,046,104	1,096,899
Drainage Facilities	8(d)	292,815	242,848	331,773	331,773
General Maintenance		314,559	311,860	318,664	318,664
Engineering	8(e)	261,256	275,286	262,170	262,170
Quality Control	8(f)	1,034,490	1,080,095	914,490	914,490
Source Control	8(g)	598,665	500,854	894,600	894,600
		<u>\$14,154,878</u>	<u>\$13,748,420</u>	<u>\$15,277,617</u>	<u>\$15,277,617</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Operation and Maintenance Budget
By Object of Expenditure
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries, wages & employee benefits	\$ 6,292,297	\$ 6,090,394	\$ 7,130,089	\$ 7,203,785
Materials & supplies	1,606,501	1,653,505	1,522,116	1,484,016
Other services	216,700	206,080	231,547	231,747
Contracted services	208,000	240,144	216,320	240,138
Consultants	298,635	378,754	292,427	292,427
Vehicle & equipment rentals	478,155	702,052	619,514	645,014
Repairs & maintenance	156,468	423,013	248,862	248,862
Fuel oil & lubricants	361,520	233,927	319,687	319,687
Natural gas	190,528	90,964	119,109	119,109
Electricity	2,066,376	1,886,425	2,171,246	2,171,246
Chlorine & sulphur dioxide	263,640	271,841	274,186	274,186
Water	168,896	223,631	180,416	180,416
Telephone	47,004	42,577	50,058	50,058
Insurance	115,960	128,179	122,236	122,236
Janitor service	1,352	403	1,406	1,406
Land taxes & rentals	277,819	208,460	288,289	197,543
Provision for equipment replacement	33,450	42,241	40,700	40,700
Costs allocated				
Beach yard control system	172,576	162,579	172,576	172,576
Radio communications	52,648	50,491	52,648	52,648
Central Laboratory costs allocated	208,000	228,306	135,900	135,900
Indirect departmental costs	1,053,035	1,053,811	1,207,310	1,212,942
	14,269,560	14,317,777	15,396,642	15,396,642
Less: Recoveries	114,682	569,357	119,025	119,025
	<u>\$14,154,878</u>	<u>\$13,748,420</u>	<u>\$15,277,617</u>	<u>\$15,277,617</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Annacis Island Sewage Treatment Plant

Purpose/Level of Activity

The expenditures are associated with the treatment and disposal of primary sewage and sludge originating in Burnaby, Coquitlam, Delta, Langley City, Maple Ridge, New Westminster, Pitt Meadows, Port Coquitlam, Port Moody, Surrey, White Rock and a small portion of Vancouver and will also receive flow from East Richmond and Langley District early in 1989.

Allowances for materials and supplies and temporary summer help to operate and expand odour control facilities and upgrade existing facilities are included in the 1989 budget. An additional mechanic, who will be employed as part of the plant maintenance team, will be hired in 1989.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$1,280,403	\$1,142,419	\$1,411,848	\$1,411,848
Vehicles & equipment rentals	138,445	205,133	165,650	165,650
Natural gas	5,824	2,978	6,057	6,057
Electricity	338,000	317,472	351,520	351,520
Chlorine & sulphur dioxide	171,600	184,034	178,464	178,464
Water	61,880	72,741	61,880	61,880
Purchased repairs & maintenance	35,516	57,416	43,697	43,697
Parts, materials & supplies	471,880	443,504	496,093	496,093
Lubricants	35,776	16,525	30,426	30,426
Fuel oil	11,440	8,128	11,898	11,898
Other services	34,287	39,081	34,260	34,260
Insurance	23,920	28,678	26,300	26,300
Property taxes	87,256	280	90,746	
Telephone	9,000	4,723	9,000	9,000
Provision for equipment replacement	5,500	21,660	5,500	5,500
Indirect departmental costs allocated	176,988	192,328	198,718	198,718
	2,887,715	2,737,100	3,122,057	3,031,312
North-West Langley Sewage Treatment Plant	208,000	240,049	216,320	240,138
	\$3,095,715	\$2,977,149	\$3,338,377	\$3,271,450

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Iona Island Sewage Treatment Plant

Purpose/Level of Activity

The expenditures are associated with the treatment and disposal of primary sewage and sludge originating in Vancouver, the University Endowment Lands, portions of Burnaby, Richmond (Twigg/Mitchell Islands), and Vancouver International Airport.

The plant also operates a septic-tank truck dumping facility that provides service for non-sewered residences and industry located in the Regional District. This service is provided at a fee such that the charges match the cost of operations and maintenance of the facility.

Temporary summer help will be employed to assist in odour control measures.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Treatment Plant Operation</u>				
Salaries & employee benefits	\$ 716,666	\$ 705,413	\$ 798,413	\$
Vehicle & equipment rentals	20,250	34,934	20,250	
Water	38,480	91,982	50,000	
Telephone		535		
Insurance	312	274	312	
Purchased repairs & maintenance		262		
Parts, materials & supplies	26,208	16,259	27,256	
Fuel oil	1,040		1,082	
Other services	780	1,650	811	
Electricity	572,000	461,718	594,880	
Provision for equipment replacement	11,500	5,302	11,500	
Indirect departmental costs allocated	96,327	109,613	100,988	
	<u>1,483,563</u>	<u>1,427,942</u>	<u>1,605,492</u>	<u>1,605,492</u>
<u>Treatment Plant Maintenance</u>				
Salaries & employee benefits	480,523	508,468	643,213	643,213
Vehicle & equipment rentals	49,930	133,751	113,427	113,427
Purchased repairs & maintenance	36,400	28,235	54,496	54,496
Parts, materials & supplies	449,183	333,116	431,076	332,276
Fuel oil	13,520	15,887	14,061	14,061
Lubricants	5,720	5,745	5,949	5,949
Other services	11,542	14,673	7,713	7,713
Provision for equipment replacement	750	4,323	4,000	4,000
Indirect departmental costs allocated	75,967	88,186	137,844	137,844
	<u>1,123,535</u>	<u>1,132,384</u>	<u>1,411,779</u>	<u>1,312,979</u>

(Continued)

GREATER VANCOUVER SEWERAGE & DRAINAGE DISTRICT

Iona Island Sewage Treatment Plant (continued)

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Power Plant Operation</u>				
Salaries & employee benefits	\$ 203,072	\$ 249,423	\$ 254,159	\$
Vehicle & equipment rental		795		
Fuel oil	166,400	89,984	130,000	
Natural gas	156,000	56,454	83,200	
Lubricants	29,120	21,861	20,800	
Purchased repairs & maintenance	208		216	
Parts, materials & supplies	1,248	53,387	2,330	
Other services	1,144	4,786	3,190	
Indirect departmental costs allocated	28,095	37,330	33,038	
	585,287	514,020	526,933	526,933
Less: Recoveries	16,066	13,402	16,066	16,066
	569,221	500,618	510,867	510,867
<u>Power Plant Maintenance</u>				
Salaries & employee benefits	91,379	91,933	48,593	78,216
Vehicle & equipment rentals	1,400	2,892	1,420	1,420
Purchased repairs	25,272	25,179	30,410	30,410
Parts, materials & supplies	95,368	94,311	52,237	99,037
Other services	2,860	3,973	2,326	2,434
Indirect departmental costs allocated	12,213	14,398	6,398	10,124
	228,492	232,686	141,384	221,641
<u>General</u>				
Salaries & employee benefits	194,234	114,172	95,472	130,147
Vehicle & equipment rentals	11,800	9,753	11,800	11,800
Telephone	4,852	4,887	4,854	4,854
Insurance	28,912	34,909	32,600	32,600
Property taxes & land rentals	22,776	27,549	23,683	23,683
Materials & supplies	8,320	7,633	8,653	8,653
Other services	10,138	11,842	11,205	11,205
Purchased repairs & maintenance	1,456	1,796	2,080	2,080
Indirect departmental costs allocated	54,364	17,411	10,959	10,959
Provision for equipment replacement	1,500	910	1,500	1,500
	338,352	230,862	202,806	237,481
Less: Recoveries	12,272	70,475	9,497	9,497
	326,080	160,387	193,309	227,984
TOTAL	\$3,730,891	\$3,454,017	\$3,862,831	\$3,878,963

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Lions Gate Sewage Treatment Plant

Purpose/Level of Activity

The expenditures are associated with the treatment and disposal of primary sewage and sludge originating in West Vancouver, and in the City and District of North Vancouver.

Temporary summer help will be employed to assist in odour control measures and assist in plant upgrading.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 421,238	\$ 372,112	\$ 476,164	\$
Vehicle & equipment rentals	35,900	18,654	26,600	
Water	31,200	22,328	31,200	
Natural gas	8,216	7,140	8,545	
Electricity	132,600	117,529	130,000	
Chlorine & sulphur dioxide	29,640	25,748	30,826	
Purchased repairs & maintenance	16,640	40,252	23,546	
Insurance	8,528	11,354	9,700	
Janitor service	1,352	403	1,406	
Lubricants	5,824	5,396	6,057	
Parts, materials & supplies	111,904	145,144	120,646	
Fuel oil	5,200	980	5,408	
Land rentals	93,775	78,154	93,775	
Telephone	3,052	3,659	3,054	
Other services	47,576	42,326	16,099	
Property tax	9,723	10,224	10,112	
Provision for equipment replacement	3,000	2,344	3,000	
Indirect departmental costs allocated	60,206	60,885	70,340	
	<u>\$1,025,574</u>	<u>\$ 964,632</u>	<u>\$1,066,478</u>	<u>\$1,066,478</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Lulu Island Sewage Treatment Plant

Purpose/Level of Activity

The expenditures are associated with the treatment and disposal of primary sewage and sludge originating in the West End of the Municipality.

Temporary summer help will be employed to assist in odour control measures.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 407,207	\$ 453,481	\$ 463,227	\$
Vehicle & equipment rentals	25,550	70,614	28,950	
Fuel oil	78,000	62,194	81,120	
Natural gas	18,200	22,150	18,928	
Electricity	128,440	115,053	133,578	
Chlorine & sulphur dioxide	62,400	62,059	64,896	
Water	24,232	25,833	24,232	
Purchased repairs	5,512	256,437	57,732	
Parts, materials & supplies	178,542	251,562	126,761	
Lubricants	1,768	2,074	3,120	
Insurance	6,032	7,346	6,900	
Telephone	5,500	4,653	5,500	
Other services	10,479	40,092	11,584	
Provision for equipment replacement	2,600	2,680	2,600	
Indirect departmental costs allocated	56,459	79,479	65,960	
	1,010,921	1,455,707	1,095,088	1,095,088
		385,621		
	\$1,010,921	\$1,070,086	\$1,095,088	\$1,095,088
	=====	=====	=====	=====
TOTAL SEWAGE TREATMENT PLANTS	\$8,863,101	\$8,465,884	\$9,362,774	\$9,311,979
	=====	=====	=====	=====

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Pumping Stations

Purpose/Level of Activity

The transportation system includes 34 separate pumping stations ranging in size from stations of one or two low horsepower pumps serving a limited area to line stations housing multiple units of several hundred horsepower. The stations are in continuous automatic operation. Increased flow now requires that some pumping units must be replaced or upgraded. One new pump station was installed in 1988.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries, wages & employee benefits	\$ 614,333	\$ 573,792	\$ 749,733	\$
Vehicle & equipment rentals	61,060	58,153	66,426	
Materials & supplies	113,776	97,974	115,656	
Other services	11,908	8,960	12,306	
Repairs & maintenance	17,836	8,009	18,670	
Fuel oil & lubricants	3,432	863	5,857	
Electricity	862,264	845,200	953,589	
Water	10,348	10,650	12,948	
Telephone	16,450	14,964	19,500	
Land taxes & rentals	2,586	4,893	2,660	
Indirect departmental costs	162,784	172,774	189,697	
	<u>\$1,876,777</u>	<u>\$1,796,232</u>	<u>\$2,147,042</u>	<u>\$2,147,042</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Trunks & Interceptors

Purpose/Level of Activity

The expenditures associated with inspecting, operating and maintaining the gravity sewers, control structures and forcemains in each of the four sewerage areas are collectively included in this category. Approximately 7½ miles of trunk sewers were added in 1988 to upgrade capacity and serve new areas.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries, wages & employee benefits	\$541,526	\$ 583,518	\$ 632,638	\$ 642,038
Materials & supplies	52,988	84,785	40,639	54,539
Other services	13,830	14,284	17,147	17,347
Vehicle & equipment rentals	62,650	105,860	100,812	126,312
Repairs & maintenance	4,732	2,987	3,569	3,569
Fuel oil & lubricants	2,356	2,955	2,341	2,341
Electricity	30,160	26,541	3,869	3,869
Water	2,600			
Telephone	3,100	3,220	3,100	3,100
Land taxes & rentals	31,689	52,587	36,101	36,101
Indirect departmental costs	167,584	198,624	205,888	207,683
	<u>\$913,215</u>	<u>\$1,075,361</u>	<u>\$1,046,104</u>	<u>\$1,096,899</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Drainage Facilities

Purpose/Level of Activity

Cariboo Dam regulates the level of Burnaby Lake which receives flow from Still Creek and other drainage courses. The dam controls the rate of flow into the Brunette River. Routine maintenance consists of brush cutting, repairs to drainage channels, restoration of flood scour damage and the upkeep of structures designed to trap sediments and debris transported during flood flows. An increased level of maintenance will be undertaken in the Port Moody/Coquitlam Drainage Area as recommended in a study of the area completed last year.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries, wages & employee benefits	\$177,355	\$138,283	\$201,953	\$
Materials & supplies	11,544	6,860	11,356	
Other services	3,844	3,215	7,156	
Vehicle & equipment rentals	35,050	25,893	37,850	
Repairs & maintenance	520		541	
Fuel oil & lubricants	780	358	811	
Natural gas	416			
Electricity	1,248	1,879	2,080	
Telephone	1,650	2,996	1,650	
Land taxes & rentals	7,328	14,730	7,618	
Indirect departmental costs	53,080	48,634	60,758	
	<u>\$292,815</u>	<u>\$242,848</u>	<u>\$331,773</u>	<u>\$331,773</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Engineering

Purpose/Level of Activity

The engineering program covers engineering investigations of a broad nature related to the operation and maintenance of the sewerage and drainage system. Activities include investigating requests and proposals from municipalities, regulatory agencies, developers and private individuals; sludge disposal methods and alternatives; environmental studies; rainfall analysis for design and operational purposes; computer applications and other improvements in operations and maintenance methods.

Activity will continue in 1989 on sludge disposal investigations for the four treatment plants, environmental studies on Sturgeon Bank for the Iona Island Treatment Plant, engineering investigations for the four sewerage areas, preventative maintenance programs, sewer corrosion investigations and repair methods, upgrading of rainfall and sewer gauging systems, and expansion of the computer-assisted drafting (CAD) system.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries, wages & employee benefits	\$117,561	\$111,071	\$126,623	\$
Materials & supplies	6,968	15,692	7,193	
Other services	7,540	17,383	7,195	
Vehicle & equipment rentals	2,670	1,341	2,570	
Consultants	69,835	74,076	61,027	
Indirect departmental costs	56,682	55,723	57,562	
	<u>\$261,256</u>	<u>\$275,286</u>	<u>\$262,170</u>	<u>\$262,170</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Quality Control Program

Purpose

The purpose of this program is to determine characteristics of treated and untreated sewage at each of the four primary plants in order to evaluate the effectiveness of treatment and to comply with the requirements of the Waste Management permits for monitoring of effluent discharges. In addition, this program provides monitoring data on receiving water quality and metropolitan bathing beaches; provides laboratory, technical and analytical resources for identifying and solving problems within the Districts' collection and treatment facilities; provides project management for environmental impact studies and provides laboratory support for the District's Source Control program.

Level of Activity

Daily testing for various chemical and physical characteristics are undertaken at each sewage treatment plant laboratory. In 1988, sewage treatment plant technicians carried out approximately 50,000 analyses on influent and effluent sewage, sludge and digester gas samples. In addition, main laboratory personnel performed approximately 13,000 analyses related to sewage treatment monitoring programs and source control activities. This level of service is expected to continue in 1989, with an increase in activity anticipated in the source control area. Technical and laboratory support will also be provided for special projects such as outfall monitoring studies and sludge disposal investigations.

The routine monitoring programs for receiving water and metropolitan bathing beaches in 1988 involved the collection and analysis of approximately 3,700 samples for fecal coliforms and related parameters. At the request of the Medical Health Officer, 20% of these samples were analyzed for the enterococci group of bacteria to help evaluate their usefulness as an indicator of water quality. Technical assistance and laboratory resources are provided to help identify specific problems, such as sporadic high fecal coliform results in the Deep Cove area. Over 400 extra samples were analyzed by the GVRD laboratory during 1988. A similar level of activity is anticipated in this program area in 1989.

During 1988, the Iona Deep Sea Outfall was put into operation. A number of programs were carried out to help assess the impact of the outfall on the receiving waters and to verify that the effluent plume is trapped below the saltwater/freshwater interface, as predicted by the 1983 Iona Deep Sea Outfall Feasibility Study. An extensive dilution and dispersion study was carried out in August of 1988. Due to the specialized nature of the monitoring required, the work was mostly carried out by consultants. Quality Control assisted with project management and provided laboratory and field staff for the project. To determine the necessity for chlorination at the Iona Treatment Plant, bathing beach monitoring was carried out from January to April of 1988. During this period, a total of 3000 samples were collected and analyzed for fecal coliform bacteria and related parameters. During 1989, it is anticipated that additional monitoring will be undertaken in the area of the Iona Deep Sea Outfall, however the details of the program have yet to be agreed upon with senior government agencies.

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Quality Control

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries, wages & employee benefits	\$ 435,382	\$ 411,446	\$ 401,414	\$
Materials & supplies	36,816	67,413	29,844	
Other services	28,288	14,598	68,132	
Vehicle & equipment rentals	9,900	15,488	10,000	
Consultants	208,000	276,590	208,000	
Indirect departmental costs	316,104	294,560	197,100	
	<u>\$1,034,490</u>	<u>\$1,080,095</u>	<u>\$ 914,490</u>	<u>\$ 914,490</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Source Control Program

Purpose

To provide for the maximum beneficial use of GVS&DD facilities by commercial and industrial dischargers consistent with the following requirements:

- Protection of health and safety of sewer workers and the general public.
- Prevention of the discharge to sewer of toxic substances which may pass through the treatment plant in concentrations in excess of permit maxima or which may result in treatment plant process upsets and/or environmentally unacceptable conditions in receiving waters.
- Protection of sewerage facilities from clogging, corrosion and explosion hazards.
- Protection of sewage treatment equipment and processes, and management of digested sludge quality to minimize disposal problems.

Activities or Level of Service

This program was implemented following the 1970 approval by the GVS & DD Administration Board of a set of regulations governing the admission of wastes into sewers. The District's ability to control industrial discharges to sewer was augmented in 1984 when the provincial government declared the Sewerage and Drainage District a Sewage Control Area under the Waste Management Act, which allowed the District to appoint a Sewage Control Manager.

The Pollution Control group carry out monitoring and enforcement services throughout the District, with priority for regulatory activity in the Fraser and Lulu Island West Sewerage Areas. The following activities are performed:

- Review applications for new industrial connections to District sewerage facilities, and provide advice to member communities regarding new connections to city and municipal sewer systems.
- Issue Orders under the Waste Management Act to regulate major non-domestic discharges.
- Investigate episodes related to abnormal sewage treatment plant influent quality.
- Prevent unauthorized dumping of waste to sewerage and drainage facilities.
- Maintain compliance with GVS&DD policy and regulations regarding the use of sewage treatment plant trucked waste disposal facilities.
- Monitor industrial discharges to sewer to ensure compliance with GVS&DD regulations and Waste Management Act Orders.

1989 Short Term Objectives

With the completion of Stage 1 of the Greater Vancouver Liquid Waste Management Plan in 1988, including the Source Control component, emphasis will be placed in 1989 on implementing the Stage 1 plan recommendation for effecting the control of sewer discharges at source.

These include:

1. Source Control Bylaw Development

The District will present a Source Control Bylaw to the Water & Waste Management Committee and the GVS&DD Board in 1989. Its development began in 1988 with a review of District goals and policies for enforcement. Establishment of discharge criteria and progress toward member municipality review of a draft Bylaw and implementation agreement began in 1988 and will be completed in early 1989. Additional resources for Source Control will be needed to implement the Bylaw and provide supplementary enforcement and laboratory support. The 1989 budget provides \$229,100 for these purposes, but the exact cost will depend on the implementation date of the new Bylaw.

2. Source Control Enforcement

The Source Control Bylaw will form the basis for increased enforcement activity. Upon implementation, Pollution Control's enforcement strategy in 1989 will emphasize adherence to Bylaw requirements in addition to characterization of effluent quality.

Review of Prior Year's Objectives

Program activities in 1988 focussed on the issuance of Source Control Orders to various industries, particularly the metal finishing and plating sector. Over 60 such Orders had been issued by the end of 1988. Requirements included the establishment of programs at individual plants for monitoring sewer discharge quality and volume to provide a basis for possible further control action when the Source Control Bylaw is enacted. The existing GVS&DD Regulations for such discharges were considered interim objectives in these Orders. Generally, the volume of Source Control activities listed above increased significantly in 1988.

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Source Control

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries, wages & employee benefits	\$394,711	\$347,072	\$597,200	\$
Materials & supplies	104	1,961	4,000	
Other services	39,416	15,128	47,800	
Vehicle & equipment rentals		90	10,000	
Indirect departmental costs	143,634	117,429	210,800	
Equipment replacement provision			4,000	
Consultants	<u>20,800</u>	<u>19,174</u>	<u>20,800</u>	<u> </u>
	<u>\$598,665</u>	<u>\$500,854</u>	<u>\$894,600</u>	<u>\$894,600</u>

Schedule 9

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Distribution of
Operation & Maintenance Expenses
Year Ending December 31, 1989

<u>1988 Actual</u>		<u>Provisional Requirements for the Year Ending December 31, 1989</u>	<u>Provisional (Underexpended) Overexpended in 1988</u>	<u>1989 Levy</u>
<u>Sewerage Areas</u>				
\$ 5,059,828	Fraser	\$ 5,067,617	\$ (74,326)	\$5,793,291
1,396,150	Lulu Island West	1,555,663	(2,545)	1,553,118
1,471,667	North Shore	1,673,459	(119,931)	1,553,528
4,978,639	Vancouver	5,241,874	(150,335)	5,091,539
<u>Drainage Areas</u>				
13,525	Byrne Road	13,767	2,430	16,197
18,367	Kyle Street	23,879	2,241	26,120
5,480	Schoolhouse Creek	19,885	(6,873)	13,012
209,712	Still Creek-Brunette River	261,539	(38,426)	223,113
16	University	843	(783)	60
9,273	William Street	25,626	(6,125)	19,501
<u>General</u>				
238,215	Pollution Monitoring	261,412	(31,814)	229,598
<u>347,548</u>	<u>Miscellaneous</u>	<u>332,053</u>	<u>20,029</u>	<u>352,082</u>
<u>\$13,748,420</u>		<u>\$15,277,617</u>	<u>\$(406,458)</u>	<u>\$14,871,159</u>

<u>Burnaby</u>	<u>Oquitlam</u>	<u>Delta</u>	<u>Langley (City)</u>	<u>Langley (District)</u>	<u>Maple Ridge</u>	<u>New West- minster</u>	<u>N. Van. (City)</u>	<u>N. Van. (Dist.)</u>	<u>Pitt Meadows</u>	<u>Port Oquitlam</u>	<u>Port Moody</u>
\$1,281,550	\$647,819	\$682,422	\$159,307	\$288,205	\$213,037	\$389,288	\$	\$	\$35,364	\$239,352	\$163,754
							406,143	634,361			
393,312											
16,159						38					
	12,239										13,881
	6,341										6,671
162,102	15,858					3,336					1,181
	7,854										11,647
25,672	9,159	10,778	2,242	5,455	3,836	5,479	6,676	10,517	798	3,388	2,305
39,366	14,045	16,528	3,439	8,364	5,882	8,403	10,239	16,127	1,225	5,196	3,535
<u>\$1,918,161</u>	<u>\$713,315</u>	<u>\$709,728</u>	<u>\$164,908</u>	<u>\$302,024</u>	<u>\$222,755</u>	<u>\$406,544</u>	<u>\$423,058</u>	<u>\$661,005</u>	<u>\$37,387</u>	<u>\$247,936</u>	<u>\$202,974</u>

Schedule 9

<u>New West-</u> <u>minster</u>	<u>N. Van.</u> <u>(City)</u>	<u>N. Van.</u> <u>(Dist.)</u>	<u>Pitt</u> <u>Meadows</u>	<u>Port</u> <u>Oguitlam</u>	<u>Port</u> <u>Moody</u>	<u>Richmond</u>	<u>Surrey</u>	<u>U.E.L.</u>	<u>Vancouver</u>	<u>West</u> <u>Vancouver</u>	<u>White</u> <u>Rock</u>
\$389,288	\$	\$	\$35,364	\$239,352	\$163,754	\$ 31,601	\$1,479,527	\$	\$ 58,340	\$	\$123,725
						1,553,118					
	406,143	634,361								513,024	
						74,307		25,224	4,998,696		
38											
					13,881						
					6,671						
3,336					1,181				40,696		
								60			
					11,647						
5,479	6,676	10,517	798	3,388	2,305	21,085	21,411	490	90,072	8,494	1,741
8,403	10,239	16,127	1,225	5,196	3,535	32,334	32,831	751	138,122	13,024	2,671
<u>\$406,544</u>	<u>\$423,058</u>	<u>\$661,005</u>	<u>\$37,387</u>	<u>\$247,936</u>	<u>\$202,974</u>	<u>\$1,712,445</u>	<u>\$1,533,769</u>	<u>\$26,525</u>	<u>\$4,925,866</u>	<u>\$534,542</u>	<u>\$128,137</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Operation and Maintenance Budget
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Fraser Sewerage Area</u>				
Annacis Is. Sewage Treatment Plant	\$2,887,715	\$2,737,100	\$3,122,057	\$3,031,312
Annacis Is. laboratory	99,175	83,504	103,745	103,745
Interceptors & trunk sewers	426,806	573,861	695,471	746,271
Pumping stations	1,163,834	1,103,505	1,253,085	1,253,085
Engineering	81,931	86,320	88,752	88,752
Sludge disposal investigations	15,500	16,838	16,314	16,314
Sewer use control	251,193	218,651	388,000	388,000
	<u>4,926,154</u>	<u>4,819,779</u>	<u>5,667,424</u>	<u>5,627,479</u>
<u>North-West Langley Sewage Treatment Plant</u>				
	208,000	240,049	216,320	240,138
	<u>5,134,154</u>	<u>5,059,828</u>	<u>5,883,744</u>	<u>5,867,617</u>
<u>Lulu Island West Sewerage Area</u>				
Lulu Is. Sewage Treatment Plant	1,010,921	1,070,086	1,095,088	
Lulu Is. laboratory	101,441	87,176	96,557	
Trunk sewers	9,628	4,945	11,785	
Pumping stations	78,992	66,488	87,169	
Engineering	6,414	9,439	6,842	
Sludge disposal investigations	21,460	15,119	22,522	
Sewer use control	169,839	142,897	235,700	
	<u>1,398,695</u>	<u>1,396,150</u>	<u>1,555,663</u>	<u>1,555,663</u>
<u>North Shore Sewerage Area</u>				
Lions Gate Sewage Treatment Plant	1,025,574	964,632	1,066,478	
Lions Gate laboratory	98,050	78,852	100,866	
Pumping Stations	98,125	128,845	252,129	
Interceptors	244,082	200,978	112,364	
Engineering	10,545	11,681	11,150	
Sludge disposal investigations	23,549	16,114	23,572	
Sewer use control	91,673	70,565	106,900	
	<u>1,591,598</u>	<u>1,471,667</u>	<u>1,673,459</u>	<u>1,673,459</u>
<u>Vancouver Sewerage Area</u>				
Iona Is. Sewage Treatment Plant	3,730,891	3,454,017	3,862,831	3,878,958
Iona Is. outfall, channel, jetty, roads & wharves	22,915	11,053	23,868	23,868
Iona Is. laboratory	119,490	111,778	120,591	120,591
Investigation of pollution of Sturgeon Bank	13,039	13,039		
Pumping stations	524,732	483,869	540,895	540,895
Interceptors & trunk sewers	232,627	295,577	226,485	226,485
Engineering	29,396	39,586	31,003	31,003
Sludge Disposal Investigations	23,547	20,409	24,755	24,755
Sewer use control	85,960	68,741	164,000	164,000
Deep Sea Outfall Monitoring	346,307	480,570	231,319	231,319
	<u>5,128,974</u>	<u>4,978,639</u>	<u>5,225,747</u>	<u>5,241,874</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Operation and Maintenance Budget
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Byrne Road Drainage Area</u>				
Willard St. Pumping Station	11,095	13,525	13,767	13,767
<u>Kyle Street Drainage Area</u>				
Trunk drain	16,126	18,367	23,879	23,879
<u>Schoolhouse Creek Drainage Area</u>				
Schoolhouse Creek	12,353	5,480	19,885	19,885
<u>Still Creek - Brunette River Drainage Area</u>				
Brunette River & Burnaby Lake	103,771	102,688	109,883	
Stoney Creek	34,199	27,590	35,837	
Still Creek	94,508	69,510	99,368	
Lozells Creek	15,660	9,924	16,451	
	248,138	209,712	261,539	261,539
<u>University Drainage Area</u>				
Shaft & tunnel	799	16	843	843
<u>William Street Drainage Area</u>				
Trunk drain	15,398	9,273	25,626	25,626
<u>Pollution Monitoring</u>	270,029	238,215	261,412	261,412
<u>Miscellaneous</u>				
Rain, sewer & stream gauges	102,295	134,478	106,824	
Radio communications	52,648	50,491	52,648	
Beach yard control system	172,576	162,579	172,581	
	327,519	347,548	332,053	332,053
 TOTAL	 \$14,154,878	 \$13,748,420	 \$15,277,617	 \$15,277,617

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

SOLID WASTE FUNCTION

Long Term and Changing Role

The Greater Vancouver Sewerage and Drainage District establishes and operates facilities for disposal of municipal solid waste. Under an amendment of the Greater Vancouver Sewerage and Drainage District Act in 1974, (Section 7A of the Act) the District is given the authority to establish and operate facilities for disposal of wastes of all types, but at the present time has only become involved in the disposal of municipal-type wastes. An amendment of the Waste Management Act in 1982 encourages areas having common problems of waste disposal to establish Waste Management Plans to properly manage the disposal of their liquid and solid wastes.

Following several years of study on how to best manage the disposal of solid wastes generated in the Region, in December 1985 the Greater Vancouver Regional Solid Waste Management Plan was approved by the Minister of Environment. The Plan incorporates two landfills (both municipally owned and operated) and provides for the establishment of recycling plants, waste transfer stations, an incinerator with energy recovery, and prior-to-collection recycling programs to reduce to the practical minimum the quantity of wastes to be disposed of to landfills. As a supplement to the Plan, by separate agreements, the District has undertaken to provide waste disposal to municipalities outside the boundaries of the Regional District, viz., Pitt Meadows, Maple Ridge, City of Langley, Township of Langley, Matsqui and Abbotsford, to a landfill which is to be established at Cache Creek.

The long-term and ongoing role of the District solid waste function is to provide environmentally sound and cost effective waste disposal services in accordance with the Waste Management Act and the Greater Vancouver Sewerage and Drainage District Act.

1989 Short Term Objectives

From 1988 -

- Complete facilities for the Cache Creek Landfill, viz., landfill infrastructure at Cache Creek, Matsqui Transfer Station and waste transfer stations in Township of Langley and Maple Ridge for receipt of resident-delivered waste.
- Expand facilities to reduce the volume of wood waste going to landfills and being burned (ongoing).
- Continue with studies, re fly and bottom ash utilization and disposal (ongoing).
- Select a qualified consultant to develop a strategic recycling Plan for the Region. The need for this study became apparent, in part, because of the high costs recently tendered for the proposed glass depot project.
- Establish the Surrey Residential Waste Transfer Station.

- In cooperation with the Ministry of Environment and others, continue with the study to find a long-term solution for the disposal of broken pavement, demolition and land clearing wastes produced in the Region.

New for 1989

- Establish, or foster the establishment by others, of a program for managing the disposal of special wastes generated by homeowners and small quantity generators of special wastes.
- Establish, or foster the establishment by others, of a program to provide for disposal in an environmentally satisfactory way of biomedical wastes generated in the Region.
- Commence the establishment of a source control program to control the types of waste disposed of to the municipal waste system.
- Establish, or foster the establishment by others, of programs to deal with problem wastes, viz., asbestos, dead animals, inert industrial sludges, etc.
- Establish a turbo-generator or other energy utilization system to use the steam produced by the Burnaby Incinerator in excess of that which can be used by Paperboard Industries.
- Establish a program for recovery and utilization of gas from the Coquitlam Landfill.

1989 Capital Program

The 1989 Capital Program includes work carried over from 1988, viz., completion of minor deficiencies at the Burnaby RIP, and construction of the Surrey Residential Transfer Station (RTS) and new works planned for 1989, notably, a turbo-generator and switch gear for utilization of the excess steam produced at the Burnaby Incinerator, a gas collection system at Coquitlam Landfill, and miscellaneous solid waste studies. The District could undertake new waste disposal responsibilities, depending on the findings of the studies and the Board's decision as to the role to be played by the District. Examples of new responsibilities which might be undertaken include: provision of a system for receiving and disposing of special wastes generated by homeowners, provision of an environmentally safe biomedical waste disposal system, programs to deal with problem wastes such as asbestos, dead animals, batteries, etc.

Research and Development

The 1988 Solid Waste budget recognized the need for a budget to cover the costs of research and development for waste disposal problems of a general nature which are referred to the District for resolution, viz., biomedical waste study, disposal of household hazardous waste, disposal of gypsum waste, new technology acquisition, etc. All of the aforesaid issues are of regional interest and benefit, and accordingly the costs incurred in respect of them should be borne by all members of the District. As for 1988, a budget of \$50,000 has been provided to cover the cost of like activities in 1989.

Regional Rate

The Regional Rate for waste disposal reflects all of the costs for operation of facilities, equipment replacement and debt retirement for all District facilities, including the like costs for the District's share of usage of facilities operated under the Plan by Vancouver and Surrey, less income from sale of energy and rents. Thus, the Regional rate does not reflect the cost to receive, handle and dispose of waste via a particular facility, but rather the average cost of providing and operating all facilities.

The Regional rate for 1989 is \$43.50/tonne. In the 1988 budget it was anticipated that the 1989 Regional rate would be about \$40/tonne. All rates presented in the 1988 budget were in terms of 1988 dollars, thus allowing 4 percent for inflation, the aforesaid rate of \$40/tonne becomes \$41.60 in terms of 1989 dollars.

The 1989 rate of \$43.50/tonne reflects slightly higher costs than initially expected on some small items (internal waste transfer and ash disposal) but the main item contributing to the rate increase is the reduction of expected revenues from sale and utilization of steam produced by the Burnaby Incinerator. In order to maximize this revenue stream, the District is working closely with Paperboard Industries. Also, District staff have undertaken discussions with B.C. Hydro and Power Authority to explore power generation from the excess steam. Looking ahead to future years, if the rate of borrowing averages at 10 percent per annum, if inflation is 4 percent per annum and if energy rates do not decline from their present level, the actual rates in both 1990 and 1991 (as opposed to rates at a 1989 dollars base) are preliminarily estimated to be \$46/tonne.

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Revenue & Expenditure Budget
Solid Waste Disposal
By Program
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Revenue</u>				
User charges	\$18,643,000	\$17,817,422	\$29,893,500	\$29,893,500
Steam sales	2,350,000	1,100,000	2,450,000	2,450,000
Rental revenue	142,000	117,240	106,500	106,500
Balance from previous year	<u>1,187,700</u>	<u>1,187,700</u>	<u>(135,107)</u>	<u>758,514</u>
	<u>22,322,700</u>	<u>20,222,362</u>	<u>\$32,314,893</u>	<u>\$33,208,514</u>
<u>Expenditures</u>				
Refuse incinerator				
Operating costs	6,228,570	4,107,074	\$ 8,247,604	\$ 8,247,604
Debt charges	<u>3,369,334</u>	<u>3,103,132</u>	<u>6,308,146</u>	<u>7,090,905</u>
	<u>9,597,904</u>	<u>7,210,206</u>	<u>14,555,750</u>	<u>15,338,509</u>
Resource recovery, transfer & landfill operations				
Operating costs	11,552,497	11,441,056	16,227,102	16,227,102
Debt charges	<u>890,835</u>	<u>508,271</u>	<u>893,421</u>	<u>1,004,283</u>
	<u>12,443,332</u>	<u>11,949,327</u>	<u>17,120,523</u>	<u>17,231,385</u>
Administration	<u>313,520</u>	<u>304,315</u>	<u>638,620</u>	<u>638,620</u>
Total Expenditure	<u>22,354,756</u>	<u>19,463,848</u>	<u>\$32,314,893</u>	<u>\$33,208,514</u>
Surplus carried to following year	<u>\$ (32,056)</u>	<u>\$ 758,514</u>		

Schedule 12

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Revenue & Expenditure Budget
Solid Waste Disposal
By Object of Expenditure
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits \$	302,221	\$ 248,524	\$ 381,990	\$
Contract services	15,666,000	13,189,121	20,777,200	
Royalties	241,000	238,365	345,800	
Board vehicles & mileage	9,200	7,595	25,500	
Consultants	47,500	61,772	136,000	
Other services & supplies	414,570	523,132	969,000	
Net amount payable to District of North Vancouver re North Shore Baling Station	142,796	118,885		
Central administrative services allocated	10,800	28,235	89,500	
Indirect departmental costs	128,600	135,743	211,335	
Provision for equipment replacement	75,000	218,851	686,000	
Port Mann landfill	964,000	963,954	1,275,000	
Air pollution monitoring	92,900	118,268	216,000	
	<u>18,094,587</u>	<u>15,852,445</u>	<u>25,113,325</u>	<u>25,113,325</u>
Debt charges	<u>4,260,169</u>	<u>3,611,403</u>	<u>7,201,568</u>	<u>8,095,189</u>
	<u>\$22,354,756</u>	<u>\$19,463,848</u>	<u>\$32,314,893</u>	<u>\$33,208,514</u>

Schedule 13(a)

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Plan Management & Administration
Revenue & Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits	\$211,520	\$155,279	\$345,120	\$
Board vehicles & mileage		1,158		
Consultants		36,269		
Other services & supplies	10,000	12,561		
Central administrative services allocated		13,423	89,500	
Indirect departmental costs	<u>92,000</u>	<u>85,625</u>	<u>204,000</u>	<u> </u>
	<u>\$313,520</u>	<u>\$304,315</u>	<u>\$638,620</u>	<u>\$638,620</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Refuse Incinerator
Summary by Object of Expenditure
Revenue & Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits	\$ 5,670	\$	\$ 9,104	\$
Contract services	5,795,000	3,638,845	7,220,000	
Royalties		61,179	80,000	
Board vehicles & mileage		811	2,000	
Consultants	25,000	1,248	100,000	
Other services & supplies	310,000	290,991	620,500	
Air pollution monitoring	92,900	114,000	216,000	
	<u>6,228,570</u>	<u>4,107,074</u>	<u>8,247,604</u>	<u>8,247,604</u>
Debt charges	<u>3,369,334</u>	<u>3,103,132</u>	<u>6,308,146</u>	<u>7,090,905</u>
	<u>\$9,597,904</u>	<u>\$7,210,206</u>	<u>\$14,555,750</u>	<u>\$15,338,509</u>

Schedule 13(c)

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Resource Recovery, Transfer & Landfill Operations
Summary by Object of Expenditure
Revenue & Expenditure Budget
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 85,031	\$ 90,332	\$ 27,765	\$
Contract services	9,871,000	9,550,275	13,557,200	
Royalties	241,000	177,186	265,800	
Board vehicles & mileage	9,200	5,626	23,500	
Consultants	22,500	24,255	36,000	
Other services & supplies	94,570	230,019	348,500	
Net amount payable to District of North Vancouver re Baling Station	142,796	118,885		
Central administrative services allocated	10,800	11,811		
Indirect departmental costs	36,600	49,862	7,337	
Provision for equipment replacement	75,000	218,851	686,000	
Port Mann landfill	964,000	963,954	1,275,000	
	<u>11,552,497</u>	<u>11,441,056</u>	<u>16,227,102</u>	<u>16,227,102</u>
Debt charges	890,835	508,271	893,421	1,004,283
	<u>\$12,443,332</u>	<u>\$11,949,327</u>	<u>\$17,120,523</u>	<u>\$17,231,385</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Assessed Values Taxable by Rate for
Regional Hospital District Purposes for 1988

	1987 Total	1988 Total	%
<u>Vancouver Sewerage Area</u>			
Burnaby	\$ 278,926,038	\$ 288,546,408	7.72481
Richmond	53,535,294	54,514,159	1.45942
University Endowment Lands	18,493,093	18,505,179	.49542
Vancouver	3,329,149,255	3,373,750,829	90.32035
	<u>\$3,680,103,680</u>	<u>\$3,735,316,575</u>	<u>100.00000</u>
<u>Fraser Sewerage Area</u>			
<u>General Facilities</u>			
Burnaby	\$ 665,400,356	\$ 681,862,042	22.12128
Coquitlam	327,949,212	344,678,633	11.18222
Delta	352,877,713	363,089,702	11.77952
Langley (City)	81,281,094	84,761,101	2.74986
Langley (District)	145,728,959	153,342,313	4.97480
Maple Ridge	110,984,781	113,348,877	3.67731
New Westminster	205,355,241	207,125,028	6.71964
Pitt Meadows	18,587,938	18,815,791	.61043
Port Coquitlam	120,420,591	127,349,787	4.13154
Port Moody	77,880,768	87,127,241	2.82662
Richmond	16,817,766	16,813,690	.54548
Surrey	743,519,482	787,197,676	25.53862
Vancouver	33,025,589	31,040,209	1.00702
White Rock	63,127,997	65,829,097	2.13566
	<u>\$2,962,957,487</u>	<u>\$3,082,381,187</u>	<u>100.00000</u>
<u>Maple Ridge/Pitt Meadows Facilities</u>			
Maple Ridge	\$ 110,984,781	\$ 113,348,877	85.76337
Pitt Meadows	18,587,938	18,815,791	14.23663
	<u>\$ 129,572,719</u>	<u>\$ 132,164,668</u>	<u>100.00000</u>
<u>North Shore Sewerage Area</u>			
North Vancouver - City	\$ 256,488,838	\$ 252,375,690	26.14328
North Vancouver - District	394,549,031	394,189,321	40.83358
West Vancouver	310,115,462	318,790,865	33.02314
	<u>\$ 961,153,331</u>	<u>\$ 965,355,876</u>	<u>100.00000</u>
<u>Lulu Island West Sewerage Area</u>			
Richmond			<u>100.00000</u>
<u>Still Creek-Brunette River Drainage Area</u>			
Burnaby	\$ 594,093,737	\$ 631,349,483	72.65458
Coquitlam	61,919,501	61,763,425	7.10763
New Westminster	13,019,781	12,993,580	1.49527
Port Moody	4,594,407	4,599,360	.52929
Vancouver	157,686,243	158,268,272	18.21323
	<u>\$ 831,313,669</u>	<u>\$ 868,974,120</u>	<u>100.00000</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Assessed Values Taxable by Rate for
Regional Hospital District Purposes for 1988

	1987 Total	1988 Total	%
<u>Byrne Road Drainage Area</u>			
Burnaby	\$ 189,720,069	\$ 194,474,914	99.76547
New Westminster	450,655	457,170	.23453
	<u>\$ 190,170,724</u>	<u>\$ 194,932,084</u>	<u>100.00000</u>
<u>Kyle Street Drainage Area</u>			
Coquitlam	\$ 5,944,838	\$ 5,937,021	46.85715
Port Moody	7,035,817	6,733,450	53.14285
	<u>\$ 12,980,655</u>	<u>\$ 12,670,471</u>	<u>100.00000</u>
<u>William Street Drainage Area</u>			
Coquitlam	\$ 4,447,824	\$ 4,451,587	40.27535
Port Moody	6,485,136	6,601,296	59.72465
	<u>\$ 10,932,960</u>	<u>\$ 11,052,883</u>	<u>100.00000</u>
<u>University Drainage Area</u>			
University Endowment Lands			<u>100.00000</u>
<u>Schoolhouse Creek Drainage Area</u>			
Coquitlam	\$ 13,428,915	\$ 13,572,795	48.73134
Port Moody	14,616,022	14,279,494	51.26866
	<u>\$ 28,044,937</u>	<u>\$ 27,852,289</u>	<u>100.00000</u>
<u>U.E.L. South Musqueam Drainage Area</u>			
Vancouver			<u>100.00000</u>
<u>Lower Mainland Solid Waste Disposal Plan</u>			
Burnaby	\$ 944,326,394	\$ 970,408,450	11.81572
Coquitlam	329,328,494	346,216,822	4.21555
Delta	402,162,082	407,427,941	4.96086
New Westminster	205,355,241	207,125,028	2.52196
North Vancouver (City)	256,488,838	252,375,690	3.07293
North Vancouver (District)	397,896,089	397,544,879	4.84052
Port Coquitlam	121,099,055	128,072,557	1.55942
Port Moody	77,880,768	87,127,241	1.06086
Richmond	767,424,854	797,031,132	9.70468
Surrey	766,710,336	809,334,170	9.85448
University Endowment Lands	18,493,093	18,505,179	.22532
Vancouver	3,362,174,843	3,404,791,038	41.45683
West Vancouver	312,372,308	321,067,751	3.90933
White Rock	62,519,773	65,829,097	.80154
	<u>\$8,024,232,168</u>	<u>\$8,212,856,975</u>	<u>100.00000</u>

GREATER VANCOUVER SEWERAGE AND DRAINAGE DISTRICT

Assessed Values Taxable by Rate for
Regional Hospital District Purposes for 1988

	1987 Total	1988 Total	%
Total Assessed Values			
Burnaby	\$ 944,326,394	\$ 970,408,450	11.18113
Coquitlam	329,328,494	346,216,822	3.98914
Delta	402,162,082	407,427,941	4.69442
Langley (City)	81,281,094	84,761,101	.97662
Langley (District)	196,947,389	206,195,444	2.37580
Maple Ridge	138,559,525	144,995,506	1.67065
New Westminster	205,355,241	207,125,028	2.38651
North Vancouver (City)	256,488,838	252,375,690	2.90789
North Vancouver (District)	397,896,089	397,544,879	4.58055
Pitt Meadows	29,181,394	30,177,344	.34771
Port Coquitlam	120,862,226	128,072,557	1.47566
Port Moody	77,880,768	87,127,241	1.00389
Richmond	767,424,854	797,031,132	9.18346
Surrey	762,407,747	809,334,170	9.32522
University Endowment Lands	18,493,093	18,505,179	.21322
Vancouver	3,362,174,843	3,404,791,038	39.23027
West Vancouver	312,372,308	321,067,751	3.69937
White Rock	62,519,773	65,829,097	.75849
	<u>\$8,465,662,152</u>	<u>\$8,678,986,370</u>	<u>100.00000</u>





Greater Vancouver Regional Hospital District

4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

Telephone (604) 432-6400

TO: Board of Directors
FROM: Executive Committee
RE: 1989 Final Budget
DATE: March 15, 1989

The 1989 Greater Vancouver Regional Hospital District Final Budget is presented for your consideration.

A surplus of \$667,352 has been carried forward to reduce the 1989 tax requisition, largely resulting from reduced debt charges from capital expenditures being less than projected, and a surplus on the certification of sinking fund debentures.

The members' tax requisition is increasing \$5,053,488 (17.2%) to \$34,359,007 from 1988, of which \$1,460,364 (5.0%) is for debt assumed on behalf of and chargeable to Langley City and Township. The five-year capital expenditure program had projected the 1989 tax requisition would be \$34,971,000 in 1987 dollars. Members' tax requisitions (excluding debt assumed, re Langley Memorial Hospital) have increased only moderately over the past four years due to lower capital expenditures and significant sinking fund surpluses.

	1989	\$32,898,643	
	1988	\$29,305,519	
	1987	\$28,879,713	
	1986	\$29,350,942	
Total tax requisition			\$34,359,007
Less: Debt assumed chargeable to the City and Township of Langley			(1,460,364)
Langley City and Township contribution to debt incurred subsequent to 1988 (3.36% of \$3,644,305)			(122,449)
			32,776,194
Estimated amount paid by new development (3%)			(983,286)
Portion of 1989 tax requisition applicable to 1988 tax base			31,792,908
1988 tax requisition			29,305,519
Increase on 1988 tax base			\$ 2,487,389
% Increase			8.49%

The changes from the provisional budget are as follows:

<u>Revenues</u>	
Increase in surplus carried forward	\$ (457,183)
Decrease in grants in lieu of taxes	48,000
Decrease in Provincial Government Grants	159,743
<u>Expenditures</u>	
Decrease in debt charges	(316,225)
Increase in interest on borrowing pending receipt of revenues	26,036
Net decrease in Members' tax requisitions	<u>\$ (539,629)</u>

Capital expenditures for 1989 are estimated at \$73,089,000:

<u>Projects approved by Board:</u>	
Surrey Memorial Phase II Stage 2	\$ 6,613,000
St. Paul's Phase II Stage 2	9,564,000
Vancouver General Phase II Stage 2	17,600,000
Other	21,955,000
	<u>55,732,000</u>
<u>Other</u>	
Extended care facilities	1,250,000
Louis Brier extended care	1,000,000
St. Vincent's extended care	1,300,000
Royal Columbian Phase III	4,050,000
Equipment Fund 3	1,436,000
Other	8,321,000
	<u>17,357,000</u>
	<u>\$73,089,000</u>

RECOMMENDATION

That the Hospital District Board approve the 1989 Final Budget, and give three readings and final adoption to By-law No. 198.

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Revenue and Expenditure Budget
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Revenue</u>					
Members' tax requisitions	\$29,305,519	\$29,310,843	\$34,898,636	\$34,359,007	+17.2
Provincial Government Grants	32,397,404	31,098,077	36,981,399	36,821,656	+13.7
Share of grants in lieu of taxes	520,000	411,279	528,000	480,000	- 7.7
Surplus from previous year					
- GVRHD	938,261	938,263	274,146	667,352	-28.9
- Transfer from Central Fraser Valley RHD				63,977	
Total Revenue	<u>\$63,161,184</u>	<u>\$61,758,462</u>	<u>\$72,682,181</u>	<u>\$72,391,992</u>	+14.6
<u>Expenditure</u>					
Debt charges on capital debt (Schedule 1)	<u>\$61,059,793</u>	<u>\$58,924,429</u>	<u>\$70,535,013</u>	<u>\$70,218,788</u>	+15.0
Provision for expenditure under Sections 20(2) & 20(5)					
Advisory Committee expense	6,000	5,832	6,000	6,000	
Contribution to capital funds for grants to hospitals (net)	2,112,245	2,112,245	2,112,245	2,112,245	
Interest on borrowing pending receipt of revenues (net)	(16,854)	48,604	28,923	54,959	
	<u>2,101,391</u>	<u>2,166,681</u>	<u>2,147,168</u>	<u>2,173,204</u>	
Total Expenditure	<u>\$63,161,184</u>	<u>\$61,091,110</u>	<u>\$72,682,181</u>	<u>\$72,391,992</u>	+14.6
Surplus carried to following year		<u>\$ 667,352</u>			

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Summary of Debt Charges on Capital Debt

	1988 Final Budget	1988 Actual	1989 Final Budget		
			Principal	Interest	Total
Debenture Debt (Schedule 2)	\$61,113,524	\$61,329,156	\$11,841,836	\$52,902,066	\$64,743,902
Amortization of Debenture discount				55,000	55,000
Debenture Issuing Expense	67,163	47,392		90,000	90,000
Proposed Debenture Issues	1,375,000			1,800,000	1,800,000
Temporary Borrowing	756,100	1,058,112		1,394,900	1,394,900
	<u>63,311,787</u>	<u>62,434,660</u>	<u>11,841,836</u>	<u>56,241,966</u>	<u>68,083,802</u>
Debt assumed re Langley Memorial Hospital					
Existing debenture debt			525,705	2,347,813	2,873,518
Proposed debenture issues			373,618	83,615	457,233
Temporary borrowing				103,585	103,585
			<u>899,323</u>	<u>2,535,013</u>	<u>3,434,336</u>
	63,311,787	62,434,660	<u>\$12,741,159</u>	<u>\$58,776,979</u>	71,518,138
Less: Sinking Funds certified	(994,994)	(1,974,423)			
Less: Recoverable from parking lot - net operations (Schedule 3)	<u>(1,257,000)</u>	<u>(1,535,808)</u>			<u>(1,299,350)</u>
	<u>\$61,059,793</u>	<u>\$58,924,429</u>			<u>\$70,218,788</u>

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Debt Charges on Debenture Debt

Issue No.	Maturity Date	Interest Rate	Principal Amount	Total Payments due in 1989	
				Principal	Interest
24	Apr. 9, 1994	7.61%	\$ 1,300,000	\$ 35,347	\$ 98,930
25	May 10, 1994	8.01%	1,700,000	46,223	136,170
26	Aug. 9, 1994	9.05%	2,500,000	67,975	226,250
27	Apr. 9, 1995	8.21%	3,200,000	87,008	262,720
28	May 9, 1995	8.65%	3,140,000	85,377	271,610
29	Jul. 7, 1995	8.80%	3,000,000	81,570	264,000
30	Sep. 9, 1995	9.16%	3,000,000	81,570	274,800
31	Dec. 10, 1995	8.95%	4,200,000	114,198	375,900
32	Feb. 9, 1996	9.07%	8,000,000	217,520	725,600
33	Apr. 9, 1996	9.03%	8,000,000	217,520	722,400
34	May 7, 1996	9.04%	5,000,000	135,950	452,000
35	Jun. 7, 1996	9.00%	7,000,000	190,330	630,000
36	Jul. 9, 1996	8.97%	3,000,000	81,570	269,100
37	Nov. 10, 1996	9.25%	10,000,000	271,900	925,000
38	Jan. 10, 1997	9.02%	5,000,000	121,950	451,000
39	Apr. 7, 1997	9.03%	12,000,000	292,680	1,083,600
40	May 10, 1997	9.22%	3,500,000	85,365	322,700
41	Jul. 8, 1997	9.06%	4,000,000	97,560	362,400
42	Aug. 10, 1997	9.00%	3,000,000	73,170	270,000
43	Oct. 7, 1997	8.77%	5,000,000	121,950	438,500
44	Dec. 9, 1997	8.98%	7,000,000	170,730	628,600
45	Mar. 10, 1998	9.37%	7,000,000	170,730	655,900
46	Jun. 9, 1998	9.41%	5,000,000	121,950	470,500
47	Aug. 10, 1998	9.49%	7,000,000	170,730	664,300
48	Sep. 8, 1998	9.36%	5,000,000	121,950	468,000
49	Nov. 10, 1998	9.46%	10,000,000	243,900	946,000
50	Mar. 9, 1999	10.16%	6,500,000	158,535	660,400
51	Apr. 10, 1999	10.26%	6,000,000	146,340	615,600
52	Jul. 10, 1999	10.02%	6,000,000	146,340	601,200
53	Aug. 10, 1999	9.98%	13,000,000	317,070	1,297,400

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Debt Charges on Debenture Debt

Issue No.	Maturity Date	Interest Rate	Principal Amount	Total Payments due in 1989	
				Principal	Interest
54	Nov. 9, 1999	10.68%	\$ 6,000,000	\$ 146,340	\$ 640,800
55	Apr. 10, 2000	13.39%	5,000,000	121,950	669,500
56	Jun. 10, 2000	12.01%	6,000,000	146,340	720,600
57	Aug. 8, 2000	11.61%	8,000,000	195,120	928,800
58	Oct. 10, 2000	12.50%	4,000,000	97,560	500,000
59	Mar. 10, 2001	13.13%	5,000,000	109,260	656,500
60	Apr. 10, 2001	13.66%	9,000,000	196,668	1,229,400
61	May 8, 2001	13.69%	9,000,000	196,668	1,232,100
62	Jun. 10, 2001	15.69%	5,000,000	109,260	784,500
63	Aug. 10, 2001	15.31%	14,000,000	305,928	2,143,400
64	Oct. 9, 2001	17.0 %	5,000,000	109,260	850,000
65	Nov. 10, 2001	17.51%	5,000,000	109,260	875,500
66	Dec. 10, 2001	15.93%	5,000,000	109,260	796,500
67	Jan. 8, 2002	14.51%	3,675,000	80,306	533,243
68	Feb. 10, 2002	15.5 %	4,000,000	87,408	620,000
69	Mar. 10, 2002	16.1 %	6,000,000	131,112	966,000
70	Apr. 8, 2002	15.12%	10,000,000	218,520	1,512,000
71	May 10, 2002	15.25%	9,000,000	196,668	1,372,500
72	June 10, 2002	14.96%	7,000,000	152,964	1,047,200
73	July 9, 2002	15.38%	10,000,000	218,520	1,538,000
74	Oct. 8, 2002	14.16%	6,000,000	131,112	849,600
75	Nov. 10, 2002	13.43%	4,000,000	87,408	537,200
76	Jan. 4, 2003	12.14%	5,000,000	109,260	607,000
77	Apr. 5, 2003	11.59%	7,000,000	152,965	811,300
78	May 2, 2003	11.53%	4,000,000	87,408	461,200
79	June 1, 2003	10.92%	4,000,000	87,408	436,800
80	Aug. 2, 2003	11.51%	5,000,000	109,260	575,500
81	Sept. 2, 2003	12.08%	5,000,000	109,260	604,000
82	Nov. 10, 2003	11.65%	5,000,000	109,260	582,500
83	Dec. 1, 2003	11.79%	3,500,000	76,482	412,650

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Debt Charges on Debenture Debt

Issue No.	Maturity Date	Interest Rate	Principal Amount	Total Payments due in 1989	
				Principal	Interest
84	Mar. 1, 2004	12.13%	\$ 12,000,000	\$ 262,224	\$ 1,455,600
85	Apr. 2, 2004	12.60%	5,000,000	109,260	630,000
86	June 1, 2004	13.70%	5,000,000	109,260	685,000
87	July 3, 2004	13.80%	8,000,000	174,816	1,104,000
88	Sept. 4, 2004	13.20%	5,000,000	109,260	660,000
89	Jan. 4, 2005	12.08%	6,000,000	131,112	724,800
90	May 3, 2005	12.15%	5,000,000	109,260	607,500
91	May 9, 2006	9.59%	10,064,000	219,919	965,137
92	Aug. 8, 2006	9.50%	5,000,000	109,260	475,000
93	Apr. 10, 2007	9.12%	6,100,000	133,296	556,320
94	Sep. 10, 2007	10.42%	3,000,000	65,556	312,600
95	Nov. 10, 1997	10.25%	7,970,000	549,930	816,925
96	Mar. 3, 1993	9.25%	730,000	124,433	67,525
97	Apr. 8, 2008	9.62%	5,775,000	126,195	555,555
98	July 8, 2008	10.15%	7,280,000	159,083	738,920
99	Aug. 10, 2008	10.06%	1,800,000	39,334	181,080
100	Oct. 7, 2008	10.39%	2,465,000	53,865	256,114
101	Nov. 10, 2008	10.10%	990,000	21,633	99,990
102	July 9, 1993	7.69%	3,131,639	532,379	240,823
103	Dec. 9, 2008	9.93%	3,093,600	67,601	307,194
104	Dec. 16, 1998	10.50%	3,782,000	260,958	397,110
			\$459,396,239	\$11,841,837	\$52,902,066
			=====	=====	=====

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Parking Lot Operations
Summary

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Legal	\$	\$ 939	\$ 11,000	\$ 11,000
Insurance	21,375	21,001	20,825	21,200
Other services	36,725	59,134	67,850	83,050
Repairs & maintenance	114,200	126,764	167,150	187,650
Janitor & gardening	51,760	21,874	38,400	38,400
Security	132,500	118,614	134,500	138,500
Parking lot attendants	425,500	466,237	465,140	465,100
Licences, permits, business taxes	2,340	4,113	2,325	2,300
Equipment purchases & capital improvements	59,500	18,735	53,000	65,300
Outside maintenance			23,900	35,600
Materials & supplies	34,400	31,364	33,480	34,650
Electricity	140,600	115,690	141,000	141,000
Management fees	36,300	36,300	31,500	31,500
Commissions	72,450	79,601	100,250	100,250
General expenses (Sch.3(i))	42,350	32,771	41,850	45,150
Total Expenditures	1,170,000	1,133,137	1,332,170	1,400,650
Revenue	(2,427,000)	(2,668,945)	(2,650,500)	(2,700,000)
Net Income	<u>\$(1,257,000)</u>	<u>\$(1,535,808)</u>	<u>\$(1,318,330)</u>	<u>\$(1,299,350)</u>
Number of stalls				5,093 =====

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Burnaby - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Legal	\$	\$ 201	\$ 1,500	\$ 1,500
Insurance	2,580	2,551	2,300	2,600
Other services	9,100	15,274	6,700	21,700
Repairs & maintenance	11,200	8,884	11,400	21,400
Janitor & gardening	4,680	1,680	5,200	5,200
Security	17,000	17,008	18,000	18,000
Parking lot attendants	47,000	51,408	49,500	49,500
Licences, permits, business taxes	115	118	125	100
Equipment purchases & capital improvements	6,000	2,194	5,000	5,800
Outside maintenance			3,000	5,500
Materials & supplies	5,000	6,398	5,500	5,500
Electricity	14,000	14,327	14,000	14,000
Management fees	4,800	4,800	4,800	4,800
Commissions	12,750	15,122	14,500	14,500
General expenses (Sch.3(i))	4,900	3,652	4,765	5,100
Total Expenditures	139,125	143,617	146,290	175,200
Revenue	(275,000)	(327,059)	(275,500)	(330,000)
Net Income	<u>\$(135,875)</u>	<u>\$(183,442)</u>	<u>\$(129,210)</u>	<u>\$(154,800)</u>
Number of stalls				535 ===

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

St. Paul's - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Insurance	\$ 1,120	\$ 886	\$ 1,170	\$ 1,200
Other services	1,250	770	1,250	1,300
Repairs & maintenance	3,000	1,436	7,200	7,200
Janitor & gardening	2,000	1,200	2,650	2,650
Security	8,000	6,062	8,000	12,000
Parking lot attendants	55,000	61,882	66,500	66,500
Licences & permits	50	50	50	50
Equipment purchases & capital improvements	10,000	816	10,000	10,000
Outside maintenance			600	600
Materials & supplies	2,500	3,994	3,000	4,200
Electricity	25,000	17,424	25,000	25,000
Management fees	3,600	3,600	3,600	3,600
Commissions	500		16,800	16,800
General expenses (Sch.3(i))	4,200	3,157	6,150	6,600
Total Expenditures	116,220	101,277	151,970	157,700
Revenue	(240,000)	(274,689)	(403,200)	(403,200)
Net Income	<u>\$(123,780)</u>	<u>\$(173,412)</u>	<u>\$(251,230)</u>	<u>\$(245,500)</u>

Number of stalls

160

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GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Royal Columbian - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Insurance	\$ 2,280	\$ 2,353	\$ 2,390	\$ 2,400
Other services	5,600	5,362	6,250	6,300
Repairs & maintenance	5,000	7,901	7,200	10,900
Janitor & gardening	2,500	1,680	2,100	2,100
Security	20,000	19,140	21,000	21,000
Parking lot attendants	52,000	58,290	62,600	62,600
Equipment purchases & capital improvements	7,500	816	1,000	7,500
Outside maintenance			3,000	5,000
Materials & supplies	3,000	3,507	3,200	3,200
Electricity	22,000	20,473	23,000	23,000
Management fees	4,800	4,800	4,800	4,800
Commissions	16,800	17,846	19,000	19,000
General expenses (Sch.3(i))	6,300	4,774	5,600	6,000
Total Expenditures	147,780	146,942	161,140	173,800
Revenue	(360,000)	(383,941)	(370,500)	(370,500)
Net Income	<u>\$(212,220)</u>	<u>\$(236,999)</u>	<u>\$(209,360)</u>	<u>\$(196,700)</u>

Number of stalls

450

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Lions Gate - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Legal	\$	\$ 290	\$ 5,000	\$ 5,000
Insurance	2,715	2,765	2,810	2,800
Other services	6,100	22,191	40,600	40,700
Repairs & maintenance	40,000	68,197	46,000	46,000
Janitor & gardening	4,680	4,434	3,000	3,000
Security	20,000	17,690	20,000	20,000
Parking lot attendants	45,000	48,831	54,000	54,000
Licences, permits, business taxes	2,000	2,000	2,000	2,000
Equipment purchases & capital improvements	12,000	14,909	4,000	6,000
Outside maintenance			3,500	6,500
Materials & supplies	4,700	4,585	4,000	4,000
Electricity	25,000	22,921	25,000	25,000
Management fees	4,800	4,800	4,800	4,800
Commissions	8,050	9,185	8,250	8,250
General expenses (Sch.3(i))	3,800	2,836	3,600	3,900
Total Expenditures	178,845	225,634	226,560	231,950
Revenue	(215,000)	(245,645)	(220,000)	(250,000)
Net Income	\$ (36,155)	\$ (20,011)	\$ 6,560	\$ (18,050)

Number of stalls

491

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GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT
King Edward Campus - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Insurance	\$ 465	\$ 434		
Other services	500	50		
Repairs & maintenance	1,000	621		
Janitor & gardening	1,200	1,200		
Parking lot attendants	18,000	18,574		
Licences, permits, business taxes	50	50		
Materials & supplies	2,000	381		
Electricity	1,600	1,115		
Management fees	4,800	4,800		
General expenses (Sch.3(i))	1,450	1,072		
Total Expenditures	31,065	28,297		
Revenue	(82,000)	(108,311)		
Net Income	<u>\$(50,935)</u>	<u>\$(80,014)</u>		

Number of stalls

186

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Vancouver General - Parkade Operations

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Legal	\$	\$	\$ 4,000	\$ 4,000
Insurance	7,950	7,693	7,765	7,800
Other services	6,100	7,480	7,350	7,350
Repairs & maintenance	17,500	11,238	30,650	32,650
Janitor & gardening	28,000	8,980	16,300	16,300
Security	36,000	33,578	36,000	36,000
Parking lot attendants	82,000	83,102	96,240	96,200
Licences, permits, business taxes	100	1,870	100	100
Equipment purchases & capital improvements	1,000		8,000	8,000
Outside maintenance			3,800	5,000
Materials & supplies	6,200	5,149	3,630	3,600
Electricity	33,000	27,250	33,000	33,000
Management fees	4,800	4,800	4,800	4,800
Commissions	23,750	27,616	30,000	30,000
General expenses (Sch.3(i))	10,800	8,010	11,235	12,250
Total Expenditures	257,200	226,771	292,870	297,050
Revenue	(610,000)	(718,389)	(720,000)	(720,000)
Net Income	<u>\$(352,800)</u>	<u>\$(491,618)</u>	<u>\$(427,130)</u>	<u>\$(422,950)</u>

Number of stalls

1,200
=====

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT
Children's/Grace - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Legal	\$	\$ 448	\$ 500	\$ 500
Insurance	3,175	3,342	3,400	3,400
Other services	5,075	5,016	3,700	3,700
Repairs & maintenance	35,000	24,828	10,200	65,000
Janitor & gardening	6,900	900	7,350	7,350
Security	27,000	21,188	27,000	27,000
Parking lot attendants	126,500	144,150	135,400	135,400
Licences, permits, business taxes	25	25	50	50
Equipment purchases & capital improvements	20,000		75,000	25,000
Outside maintenance			7,000	7,000
Materials & supplies	10,000	5,407	10,950	10,950
Electricity	17,000	9,730	18,000	18,000
Management fees	2,700	2,700	2,700	2,700
Commissions	9,000	7,836	9,000	9,000
General expenses (Sch.3(i))	10,200	8,723	9,700	10,400
Total Expenditures	272,575	234,293	319,950	325,450
Revenue	(605,000)	(560,889)	(610,000)	(575,000)
Net Income	<u>\$(332,425)</u>	<u>\$(326,596)</u>	<u>\$(290,050)</u>	<u>\$(249,550)</u>
Number of stalls				1,796 =====

GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

Eagle Ridge - Parking Lot Operation

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Insurance	\$ 1,090	\$ 972	\$ 990	\$ 1,000
Other services	3,000	2,991	2,000	2,000
Repairs & maintenance	1,500	3,659	4,500	4,500
Janitor & gardening	1,800	1,800	1,800	1,800
Security	4,500	3,948	4,500	4,500
Parking lot attendants			900	900
Equipment purchases & capital improvements	3,000			3,000
Outside maintenance			3,000	6,000
Materials & supplies	1,000	1,943	3,200	3,200
Electricity	3,000	2,450	3,000	3,000
Management fees	6,000	6,000	6,000	6,000
Commissions	1,600	1,996	2,700	2,700
General expenses (Sch.3(i))	700	547	800	900
Total Expenditures	27,190	26,306	33,390	39,500
Revenue	(40,000)	(50,022)	(51,300)	(51,300)
Net Income	<u>\$(12,810)</u>	<u>\$(23,716)</u>	<u>\$(17,910)</u>	<u>\$(11,800)</u>

Number of stalls

275
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GREATER VANCOUVER REGIONAL HOSPITAL DISTRICT

General Expenses

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Travel & mileage	\$ 4,750	\$ 4,138	\$ 4,750	\$ 4,750
Courier	100	243	100	100
Advertising		80	100	100
Legal	500		500	500
Other services (warranty)	9,500	5,984	7,500	9,500
Equipment purchases & capital improvements	1,000		1,000	1,000
Materials & supplies	4,000	225	1,000	1,000
Management fees	30,000	28,512	33,500	35,500
Printing	100	413	500	500
General Administrative Services	<u>2,600</u>	<u>1,898</u>	<u>2,600</u>	<u>2,600</u>
Total Expenditures	52,550	41,493	51,550	55,550
Less: Allocations to parking lot operations**	(42,350)	(32,770)	(41,850)	(45,150)
Allocated to Shaughnessy Hospital*	<u>(10,200)</u>	<u>(8,723)</u>	<u>(9,700)</u>	<u>(10,400)</u>
	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ 0</u>

* Allocated as a cost directly to Shaughnessy Hospital.

** Allocated to each lot according to revenue.





Greater Vancouver Regional District

4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

Finance Department

Accounting: 432-6273

Secretary Treasurer's Office: 432-6250

Treasury: 432-6252

TO: Board of Directors
FROM: Executive Committee
RE: 1989 Final Budget
DATE: April 3, 1989

The Greater Vancouver Regional District 1989 Final Budget is presented for your consideration. Revenues exceeded budget by \$461,280 while expenditures were less than budget by \$157,014, resulting in a surplus of \$618,294 which has been carried forward to reduce the 1989 Members' tax requisition.

Revenues

Members' tax requisitions are increased \$1,428,886 (12.6%) over the 1988 Final Budget. Except for the Parks function, the City and District of Langley will contribute 3.4% towards the members' tax requisitions for the first time in 1989.

The net increase in tax requisitions from the Provisional Budget is as follows:

General Government	\$173,365
Air Pollution Control	(2,968)
Hospital Planning	3,164
Labour Relations	(56,694)
Parks	101,237
Development Services	(5,167)
Electoral Areas	10,428
	<u>\$223,365</u>

CHANGES FROM PROVISIONAL BUDGET

Expenditures increased \$189,138 (1.3%) over the Provisional Budget. These changes are summarized on Appendix "A".

1989 FINAL BUDGET

Operating Costs

The change in operating costs for regional functions is summarized on Appendix "B".

The detail of budget changes for each department is shown as a preface to their budget section.

Fiscal Services

Expenditures have decreased \$470,129 from the 1988 Final Budget, largely due to the shift in the Parks function to acquisition and development by borrowing in place of Revenue Fund contributions.

CHANGES IN EXPENDITURES
FROM 1989 PROVISIONAL BUDGET

1989 Provisional Budget Expenditures			\$15,079,070
General Government Services			
F.C.M. Conference Event		\$ 50,000	
Property Division - reduced contract services	\$ (31,200)		
Less: allocated to other budgets	<u>24,850</u>	(6,350)	43,650
Hospital Planning - increased consultant costs primarily for the study of land banking and database development			10,000
Labour Relations - adjustment to merit increments			2,900
Parks			
Provision for New Sites and Facilities			
- Crippen	24,000		
- Boundary Bay/Iona	50,000		
- Point Grey	<u>109,000</u>	183,000	
Annual Maintenance		<u>200,000</u>	
		383,000	
Fiscal Services			
Increased debt charges	130,000		
Reduction in Contribution to Capital Funds	<u>(411,763)</u>	(281,763)	101,237
Development Services			
Provision for equipment replacement	\$ (10,000)		
Salaries	(4,817)		
Consultants	<u>9,650</u>		(5,167)
Electoral Areas			
Building Inspection	12,500		
Library Grants-in-Aid	5,600		
Sunnyside Fire Protection	3,000		
Recreation Commission	1,850		
Sasamat Volunteer Fire Department	12,600		
Bowen Island Garbage Parcel Tax	<u>2,268</u>	37,818	
Fiscal Services - Snug Cove		<u>(1,300)</u>	36,518
1989 Final Budget Expenditures			<u>\$15,268,208</u>

CHANGE IN OPERATING COSTS
FROM 1988 FINAL BUDGET

	<u>GENERAL GOVERNMENT</u>	<u>AIR POLLUTION CONTROL</u>	<u>HOSPITAL PLANNING</u>	<u>LABOUR RELATIONS</u>	<u>REGIONAL PARKS</u>	<u>DEVELOPMENT SERVICES</u>	<u>911 EMERGENCY TELEPHONE SYSTEM</u>	<u>TOTAL</u>
1988 Final Budget	\$2,258,856	\$1,989,900	\$440,540	\$1,598,930	\$3,219,904	\$ 870,000	\$	\$10,378,130
1988 Extraordinary Items	<u>(673,440)</u>	<u>(120,000)</u>	<u> </u>	<u>(20,000)</u>	<u> </u>	<u> </u>	<u> </u>	<u>(813,440)</u>
1989 Base Budget	<u>1,585,416</u>	<u>1,869,900</u>	<u>440,540</u>	<u>1,578,930</u>	<u>3,219,904</u>	<u>870,000</u>	<u> </u>	<u>9,564,690</u>
1989 Changes								
Extraordinary Items	695,800	120,000	10,000	65,000				890,800
Change in Level of Service	55,410	165,100		101,700	281,900	256,363		860,473
New Programs	900	64,100			383,000		201,300	649,300
Change in Base Budget	(18,400)	126,300	29,329	(38,800)	81,190			179,619
Inflation	<u>54,164</u>	<u>97,600</u>	<u>13,909</u>	<u>61,809</u>	<u>128,548</u>	<u>18,300</u>	<u> </u>	<u>374,330</u>
Total 1989 Changes	<u>787,874</u>	<u>573,100</u>	<u>53,238</u>	<u>189,709</u>	<u>874,638</u>	<u>274,663</u>	<u>201,300</u>	<u>2,954,522</u>
1989 Final Budget	<u>\$2,373,290</u>	<u>\$2,443,000</u>	<u>\$493,778</u>	<u>\$1,768,639</u>	<u>\$4,094,542</u>	<u>\$1,144,663</u>	<u>\$201,300</u>	<u>\$12,519,212</u>

RD4

GREATER VANCOUVER REGIONAL DISTRICT

Revenue & Expenditure Budget
Year Ending December 31, 1989

I N D E X

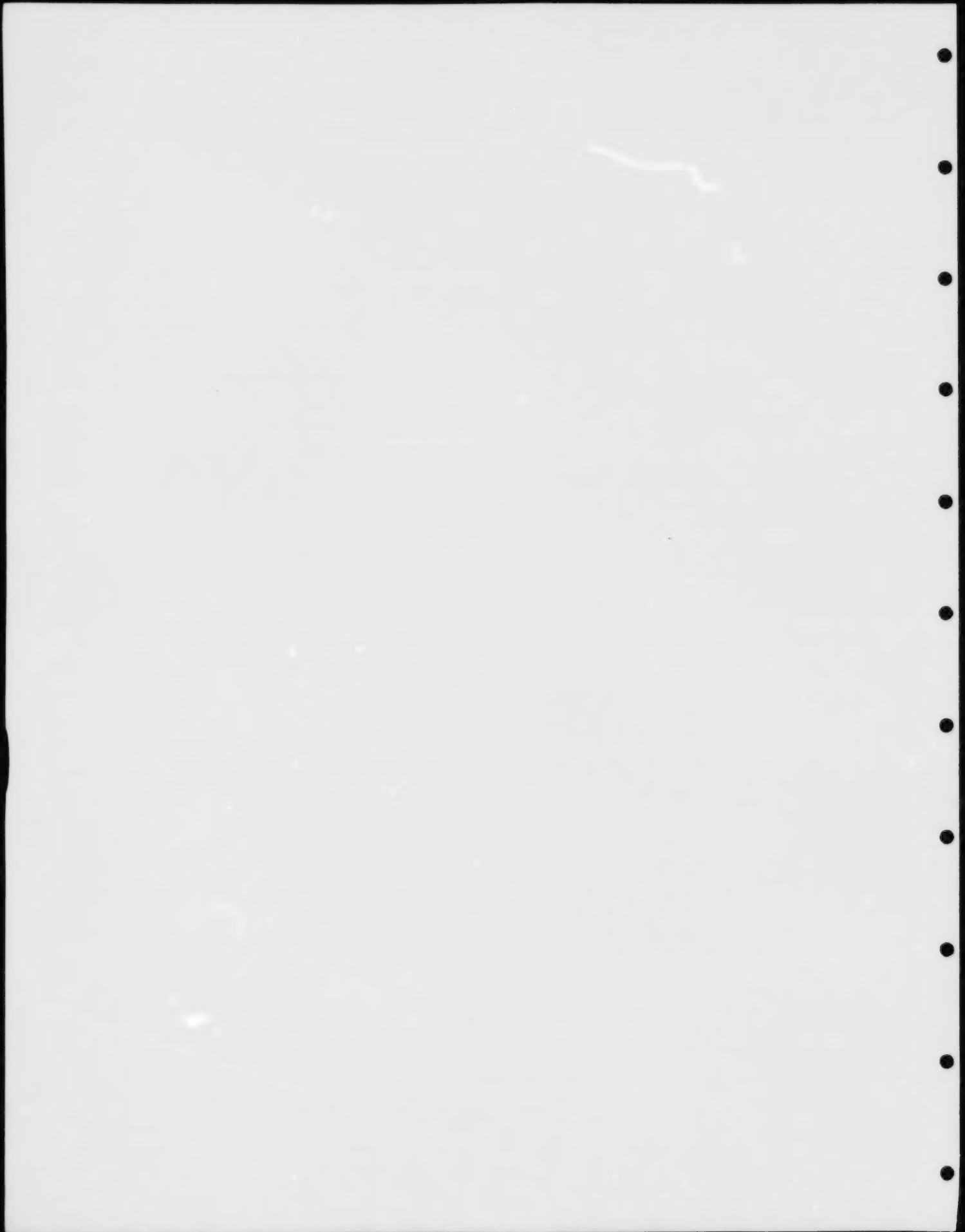
	<u>Section</u>	<u>Summary Page</u>
- Revenue and Expenditure Budget Summary		RD5
- General Government Services	A	A1
- Air Pollution Control	B	B6
- Hospital Planning	C	C4
- Labour Relations	D	D5
- Regional Parks	E	E15
- Development Services	F	F3
- E911 Emergency Telephone System	G	G2
- Electoral Areas	H	H1

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GREATER VANCOUVER REGIONAL DISTRICT

Summary
Revenue and Expenditure Budget
Year Ending December 31, 1989

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
Revenue						
Members' tax requisitions and recoveries		\$11,366,213	\$11,368,180	\$12,571,734	\$12,795,099	+ 12.6
Provincial Government grants		515,000	577,506	599,100	599,100	+ 16.3
Transfer from GVRD functions		18,300	18,300	18,300	18,300	
Other revenue						
- General Government		379,000	662,281	374,000	374,000	- 1.3
- Ambient Air Gaseous Monitoring		544,300	555,050	618,600	618,600	+ 13.7
- Parks Net Rental Income		169,488	204,181	203,895	203,895	+ 20.3
- Development Services			44,502			
- Electoral Area - Misc.		15,000	30,360	25,000	40,920	+172.8
Surplus from previous year		505,384	513,605	668,441	618,294	+ 22.3
Total Revenue		\$13,512,685	\$13,973,965	\$15,079,070	\$15,268,208	+ 13.0
Expenditure						
Regional Functions						
Operating Expenses						
General Government Services						
Air Pollution Control	A1	\$ 2,258,856	\$ 2,285,222	\$ 2,329,640	\$ 2,373,290	+ 5.1
Hospital Planning	B6	1,989,900	1,892,182	2,443,000	2,443,000	+ 22.8
Labour Relations	C4	440,540	388,868	483,778	493,778	+ 12.1
Regional Parks	D5	1,598,930	1,476,194	1,765,739	1,768,639	+ 10.6
Development Serv.	E15	3,219,904	3,240,722	3,711,542	4,094,542	+ 27.2
E911 Emergency	F3	870,000	952,002	1,149,830	1,144,663	+ 31.6
Telephone System	G2			201,300	201,300	
		<u>10,378,130</u>	<u>10,235,190</u>	<u>12,084,829</u>	<u>12,519,212</u>	+ 20.6
Fiscal Services						
Reserve Fund	A1	200,000	200,000			
Equipment Fund	A1			200,000	200,000	
Air Pollution Control	B6	116,000	116,000			
Regional Parks	E15	2,311,919	2,325,794	2,230,053	1,948,290	- 15.7
E911 Emergency						
Telephone System	G2			9,500	9,500	
		<u>2,627,919</u>	<u>2,641,794</u>	<u>2,439,553</u>	<u>2,157,790</u>	- 17.9
Total Regional		13,006,049	12,876,984	14,524,382	14,677,002	+ 12.8
Electoral Areas						
Operating Expenses	H1	308,468	282,443	341,148	378,966	+ 22.9
Fiscal Services	H1	198,168	196,244	213,540	212,240	+ 7.1
		<u>506,636</u>	<u>478,687</u>	<u>554,688</u>	<u>591,206</u>	+ 16.7
Total Expenditure		\$13,512,685	\$13,355,671	\$15,079,070	\$15,268,208	+ 13.0
Surplus carried to following year			\$ 618,294			



"A"

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL GOVERNMENT
SUMMARY OF INCREASES IN 1989
EXPENDITURES OVER 1988 FINAL BUDGET

1988 Final Budget			\$2,458,856
1988 Extraordinary Items			
Risk Insurance Management Study	\$	(40,000)	
<u>Less allocated to other budgets</u>		<u>38,560</u>	
		(1,440)	
Earthquake Preparedness		(100,000)	
Grant to Science World		<u>(572,000)</u>	
			<u>(673,440)</u>
1989 Base Budget			1,785,416
1989 Extraordinary Items			
Retirement of senior staff	\$	58,400	
Temporary Labour for completion of Property Inventory Program		56,900	
<u>Less allocation to other budgets</u>		<u>(114,500)</u>	
		800	
Grant to Science World		572,000	
Earthquake Preparedness		73,000	
F.C.M. Conference Event		<u>50,000</u>	
			695,800
New Programs			
Succession Planning		6,000	
<u>Less allocation to other budgets</u>		<u>(5,100)</u>	
			900
Changes in Level of Service			
Secretariat			
Increased agenda volume		<u>5,500</u>	
Information Services			
Staff costs associated with enhancing public participation and awareness		41,900	
Increased volume - newsletters & Information Booklets		6,000	
		<u>47,900</u>	
Administrative Offices			
Inter-Office Committee		2,410	
Deletion of Development Services parti- cipation in Inter-Governmental work		(15,900)	
		<u>(13,490)</u>	
<u>Less allocation to other budgets</u>		<u>9,000</u>	
		<u>(4,490)</u>	

"A"

GENERAL GOVERNMENT (Continued)

Central Administration

Temporary Help - Library recataloguing	\$ 7,000
Provide access to Library Database	2,700
	<u>9,700</u>
<u>Less allocation to other budgets</u>	<u>(8,200)</u>
	<u>1,500</u>

Property Services

Property Inventory Program	7,300
Software Amortization	(6,700)
<u>Less allocation to other budgets</u>	<u>600</u>

Finance

Increase in Accounting staff to meet increased volumes	37,600
Payroll Software Amortization	17,000
Increase Systems development and support	97,200
Purchasing Management Information System	19,000
	<u>170,800</u>
<u>Less allocation to other budgets</u>	<u>(168,800)</u>
	<u>2,000</u>

55,410

Changes in Base Budget (Net)

Completion of Program - Transportation of Dangerous Goods Participation	(60,000)
Decrease in recoveries from Election Services	11,500
Purchase of Equipment	1,500
Increase in Contract Services	2,600
Rent	1,000
Computer Costs allocated	4,400
Annualization of staff, merits, etc.	8,700
CASA	(400)
Other/Miscellaneous	<u>12,300</u>
	(18,400)

Inflation

54,164

787,874

1989 Final Budget

\$2,573,290

GREATER VANCOUVER REGIONAL DISTRICT

Revenue and Expenditure Budget
General Government Services
Year Ending December 31, 1989

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
Revenue						
Members' - tax						
requisitions		\$1,731,751	\$1,731,751	\$1,675,790	\$1,849,155	+ 6.8
- user charges		24,000	20,866	24,000	24,000	
Provincial Government grant		40,000	65,006	60,000	60,000	+ 50.0
Grants in lieu of taxes		155,000	162,524	150,000	150,000	- 3.2
Interest income less sundry financial charges		200,000	478,891	200,000	200,000	
Surplus from previous year		308,105	316,319	419,850	290,135	- 5.8
Total Revenue		<u>\$2,458,856</u>	<u>\$2,775,357</u>	<u>\$2,529,640</u>	<u>\$2,573,290</u>	+ 4.7
Expenditure						
Legislative Services						
Board & Committees	A2	\$ 320,850	\$ 336,041	\$ 331,450	\$ 331,450	+ 3.3
Secretariat	A4	191,012	193,211	220,410	220,410	+ 15.4
Information Services	A8	356,304	349,128	426,880	426,880	+ 19.8
		<u>868,166</u>	<u>878,380</u>	<u>978,740</u>	<u>978,740</u>	+ 12.7
Administrative Services						
Administration Offices	A9	281,177	302,550	297,710	297,710	+ 5.9
General Administrative Services	A10	141,123	146,749	162,240	162,240	+ 15.0
Property Division	A22	15,590	321	10,650	4,300	- 72.4
Central Administrative Services	A37	31,800	31,792	35,400	35,400	+ 11.3
General Expenses	A39	165,000	172,564	175,900	175,900	+ 6.6
		<u>634,690</u>	<u>653,976</u>	<u>681,900</u>	<u>675,550</u>	+ 6.4
Other						
F.C.M. Conference Event					50,000	
Transportation of Dangerous Goods Task Force Participation		60,000	60,000			
Grant to Science World		572,000	572,000	572,000	572,000	
Earthquake Preparedness		100,000	100,000	73,000	73,000	- 27.0
Mosquito Control		24,000	20,866	24,000	24,000	
		<u>756,000</u>	<u>752,866</u>	<u>669,000</u>	<u>719,000</u>	- 4.9
Sub-Total		<u>2,258,856</u>	<u>2,285,222</u>	<u>2,329,640</u>	<u>2,373,290</u>	+ 5.1
Fiscal Services						
Contribution to Section 795 Reserve Fund		200,000	200,000			
Contribution to Equipment Fund				200,000	200,000	
		<u>200,000</u>	<u>200,000</u>	<u>200,000</u>	<u>200,000</u>	
Total Expenditure		<u>\$2,458,856</u>	<u>\$2,485,222</u>	<u>\$2,529,640</u>	<u>\$2,573,290</u>	+ 4.7
Surplus carried to following year			<u>\$ 290,135</u>			

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

Board & Committees

Purpose

To fulfill the duties and responsibilities of the Regional Board as outlined in the Municipal Act.

Activities or Level of Service

Attending meetings of the Regional Board and its committees for the purpose of formulating Board Policy.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Remuneration	\$153,500	\$165,770	\$163,800	\$
Provision for equipment replacement	12,600	11,748	12,600	
Travel	5,700	7,011	5,700	
Telephone	3,300	3,169	3,400	
Other expenses	5,150	8,151	5,350	
Rent	140,600	140,192	140,600	
Total Expenditure	<u>\$320,850</u>	<u>\$336,041</u>	<u>\$331,450</u>	<u>\$331,450</u>

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

Secretariat

Purpose

To provide secretarial and related administrative services to the Board and its function committees.

To revise and maintain annual voters' lists and to conduct local elections (for GVRD Directors and the Island Trust) in the Region's three Electoral Areas, pursuant to the Municipal Act.

To provide administrative assistance to the Secretary-Treasurer and the Chairman as required.

To assist with administrative services for the GVRD's Electoral Areas as required.

To fulfil statutory responsibilities of Secretary in absence of Secretary-Treasurer.

Activities or Level of Service

To prepare, maintain and preserve the minutes of the Board, its function committees and other committees as specified (e.g. Hospital Advisory Committee).

To prepare and distribute Board and Executive Committee agendas and others as required.

To assist departments and the public with enquiries and research in connection with Board and committee minutes and background documentation.

To administer the processing of bylaws.

To coordinate arrangements for all Board and function committee meetings and other events involving Directors, and to produce regular calendar of same for distribution to Directors and staff.

To coordinate payment of fees to Board Directors.

To update and maintain voters' lists and carry out requirements for the holding of local elections in three electoral areas.

To assist with provision of administrative services, including community liaison for the GVRD's Electoral Areas, especially Electoral Area "C".

To conduct annual Courts of Revision for voters lists and parcel tax rolls.

Review of Prior Year's Objectives

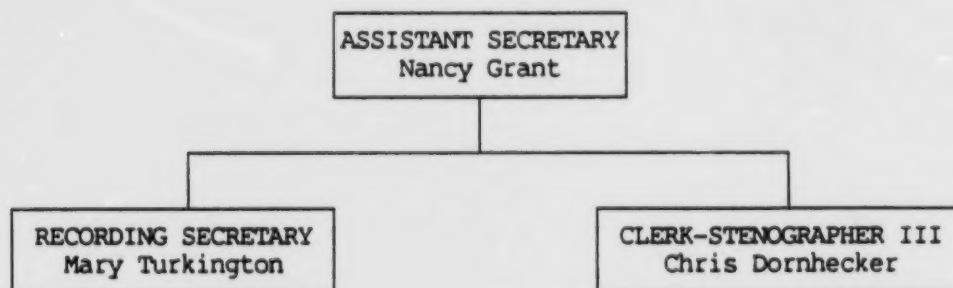
The Secretariat's short-term objectives for 1988 were met. The department continues to increase its role in the complete processing and maintenance of all bylaws, and changes have been instituted toward more streamlined and efficient maintenance and storage of records. The department is also attempting to increase the efficiency of its coordinating function and to streamline guidelines for agenda preparation and follow-up action. The department's responsibilities for Electoral Area administration have been considerably reduced following staff appointments during the year, but some election and other administrative duties remain.

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

Secretariat

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$121,791	\$107,212	\$128,700	
Rent	21,700	21,658	21,700	
Mileage	300	101	310	
Travel	600	225	310	
Postage & municipal courier service	21,850	22,553	22,700	
Telephone	2,400	2,436	2,720	
Duplicating & photocopying	12,500	15,201	15,600	
Equipment replacement & maintenance	1,200	1,045	1,510	
Materials & supplies	3,100	5,782	6,200	
Other services	1,900	3,493	1,860	
Central administrative services allocated	8,077	7,600	8,700	
Computer operating costs allocated	7,100	5,905	10,100	
	202,518	193,211	220,410	220,410
Transfer to Electoral Areas	(11,506)			
Total Expenditure	<u>\$191,012</u>	<u>\$193,211</u>	<u>\$220,410</u>	<u>\$220,410</u>



	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	3	3
1989 changes budgeted	<u> </u>	<u> </u>
December 31, 1989	<u>3</u>	

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

Information Services

Purpose

To provide centralized information services for all GVRD departments and activities.

To offer a continuing in-school program, in secondary schools and elementary schools.

To co-ordinate and produce various GVRD publications including information booklets, newsletters, brochures, posters; produce audio-visual productions.

To maintain, display and sell GVRD publications and maps to public.

To co-ordinate and assist with the GVRD's program to promote recycling in the Lower Mainland.

Activities or Level of Service

Handle general enquiries from the public and news media regarding GVRD operations and activities (about 600/700 per month).

Promote the GVRD's regional recycling program, through special events ('Recycling Month'), displays, news releases, audio-visual presentations, etc.

To present a schools program, in both secondary and elementary schools within the region.

To sponsor a secondary schools essay contest and elementary school dinosaur "exercise" on recycling.

To produce various publications including information booklets, brochures (air quality, water, sewer, etc.), the GVRD Annual Report, posters, audio-visual productions, etc.

Prepare and produce regular GVRD information material for internal use (regional and municipal) including BOARD IN BRIEF and RESUMÉ.

Prepare and produce a regular bi-monthly newsletter, for general distribution.

Prepare, produce and distribute news releases, as required; notify news media of GVRD meetings; arrange news conferences or other special media events, as required.

Assist with arrangements for special GVRD meetings and events, such as workshops, public hearings, the opening of projects.

Place newspaper advertisements when requested.

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

Information Services (Continued)

Activities or Level of Service (Continued)

Take photos for various departments and for GVRD publications, audio- visuals, etc.

Provide support for Parks Department's nature interpretation programs and special parks events.

Maintain various GVRD mailing lists ranging from 20 to over 6,000 names.

Maintain, display and sell GVRD publications to the public.

Review of Prior Year's Activities

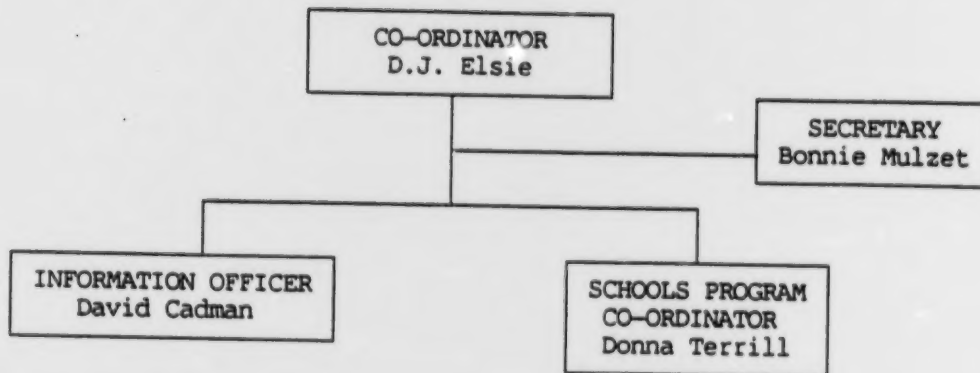
Some highlights of the prior year's activities are as follows:

- Production of GVRD Annual Report.
- New 'Livable Region' information booklet produced and distributed (55,000 copies).
- Presentations made to 12,000 students in the schools program.
- 'Recycling Month' promotion successful.
- New sewerage system brochure produced (35,000 copies).
- GVRD newsletter circulation increased to 18,000.
- Approximately 100 news releases distributed to radio, television and newspapers.
- Newsletter produced for Electoral Area "C".
- Successful "Recycle-A-Saurus" contest held in Coquitlam area elementary schools.
- Updated recycling directories produced.
- Phone calls requesting information averaged about 700 per month.

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

INFORMATION SERVICES DEPARTMENT

ORGANIZATION CHART

	<u>APPROVED NUMBERS</u>	<u>ACTUAL</u>
December 31, 1987	4	3
1988 changes	0	1
September 1, 1988	<u>4</u>	<u>4</u>
1989 changes	0	<u> </u>
TOTAL December 31, 1989	<u>4</u>	

GREATER VANCOUVER REGIONAL DISTRICT

LEGISLATIVE SERVICES

Information Services Department

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$153,850	\$161,193	\$207,100	\$
Consultants	25,000	11,801	25,000	
Board vehicles	200	909	200	
Mileage	6,150	6,190	6,400	
Office expenses				
Rent	20,200	20,150	20,200	
Telephone	1,800	1,804	1,910	
Materials and supplies	5,500	7,530	5,800	
Postage	4,150	5,077	5,000	
Duplicating	16,000	21,790	20,800	
Equipment replacement, maintenance & purchases	6,850	9,886	7,600	
Travel	500	13	1,200	
Advertising	500			
Other services	9,700	13,786	12,320	
Central administrative services	11,504	11,300	12,600	
General administrative services allocated	5,400	6,200	5,750	
	267,304	277,629	331,880	
Display system & graphics	10,000		10,000	
Staff newsletter	5,000	3,046	5,000	
Bi-monthly newsletter	40,000	37,869	43,000	
Miscellaneous pamphlets	14,000	1,698	12,000	
GVRD Information booklet	20,000	28,886	25,000	
Total Expenditure	<u>\$356,304</u>	<u>\$349,128</u>	<u>\$426,880</u>	<u>\$426,880</u>

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Administration Offices

Purpose

To administer the affairs of the GVRD and related corporate entities and carry out Board policy.

Activities or Level of Service

This account covers the costs of the offices of the Regional Manager, Secretary-Treasurer, and Chief Engineer. A portion of the costs of the Finance Comptrollers is included here, as their duties and responsibilities cover more than one district. Costs relating to the offices of other Managers are not included in this program; rather they are charged directly to their departmental budgets. Also included in this account is the cost of intergovernmental services provided to the Regional Manager by the Development Services Department.

The cost of this program is allocated to the various corporate entities.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$566,500	\$581,385	\$653,900	\$
Board vehicles	13,700	13,633	13,700	
Travel	4,500	9,374	4,500	
Consultants	50,000	16,311	50,000	
Other services	7,400	22,921	14,410	
Postage	3,100	2,425	3,200	
Telephone	6,900	8,937	7,400	
Materials & supplies	5,000	15,659	5,800	
Duplicating	7,600	13,790	11,600	
Equipment replacement & maintenance	11,500	13,176	16,000	
Central administrative services allocated	10,827	9,800	10,900	
Computer operating costs allocated	6,150	4,697	7,000	
General administrative services allocated	4,700	6,000	4,900	
Rent	82,900	82,680	82,900	
	780,777	800,788	886,210	
Less:				
charged to GVWD Administration (208,000)		(207,428)	(251,000)	
GVSD&DD Administration (232,200)		(231,569)	(275,500)	
GVHC Administration (59,400)		(59,241)	(62,000)	
Total Expenditure	\$281,177	\$302,550	\$297,710	\$297,710

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Summary

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Central administration ¹	\$ 428,773	\$ 447,987	\$ 463,300	\$
Personnel A17	389,650	392,634	478,630	
Safety & Security A19	81,200	80,872	87,640	
Total Expenditure	<u>899,623</u>	<u>921,493</u>	<u>1,029,570</u>	<u>1,029,570</u>
Less charged to:				
Central Administrative Services	296,650	306,280	368,630	
GVWD Administration	112,700	109,400	120,600	
GVS&DD Administration	189,300	189,430	209,400	
GVHC Administration	31,500	31,500	30,050	
GVRD functions	37,300	43,200	43,600	
Hospital parkade operations	1,900	1,500	1,700	
Operations	39,200	41,300	40,700	
Engineering	16,700	17,500	17,900	
Construction	16,900	17,800	17,500	
Quality Control	5,450	5,700	5,750	
Forestry	5,450	5,700	5,750	
Housing Operations	5,450	5,434	5,750	
Total Recoveries	<u>758,500</u>	<u>774,744</u>	<u>867,330</u>	<u>867,330</u>
Net	<u>\$ 141,123</u>	<u>\$ 146,749</u>	<u>\$ 162,240</u>	<u>\$ 162,240</u>

(1) Formerly General Corporate Services

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Central Administration

Long-Term and Ongoing Role

Manage central records and filing systems to ensure efficient and economical use of resources.

Direct a complete range of support services including printing, copying and mail delivery activities.

Maintain a library holding a specialized collection of materials relevant to GVRD and member municipality functions and operations.

Establish and regulate procedures relating to materials management, facilities management and fleet management.

Manage an effective telecommunication system and provide main switchboard and information referral services.

Liaise with Metrotown building management company on building services and facilities, administer the leasing of GVRD space in the Metrotown building and manage the tenancies.

1989 Short-Term Objectives

Monitor the Corporation's telecommunication network to determine possible future requirements and provide a plan for delivery, including cost implications.

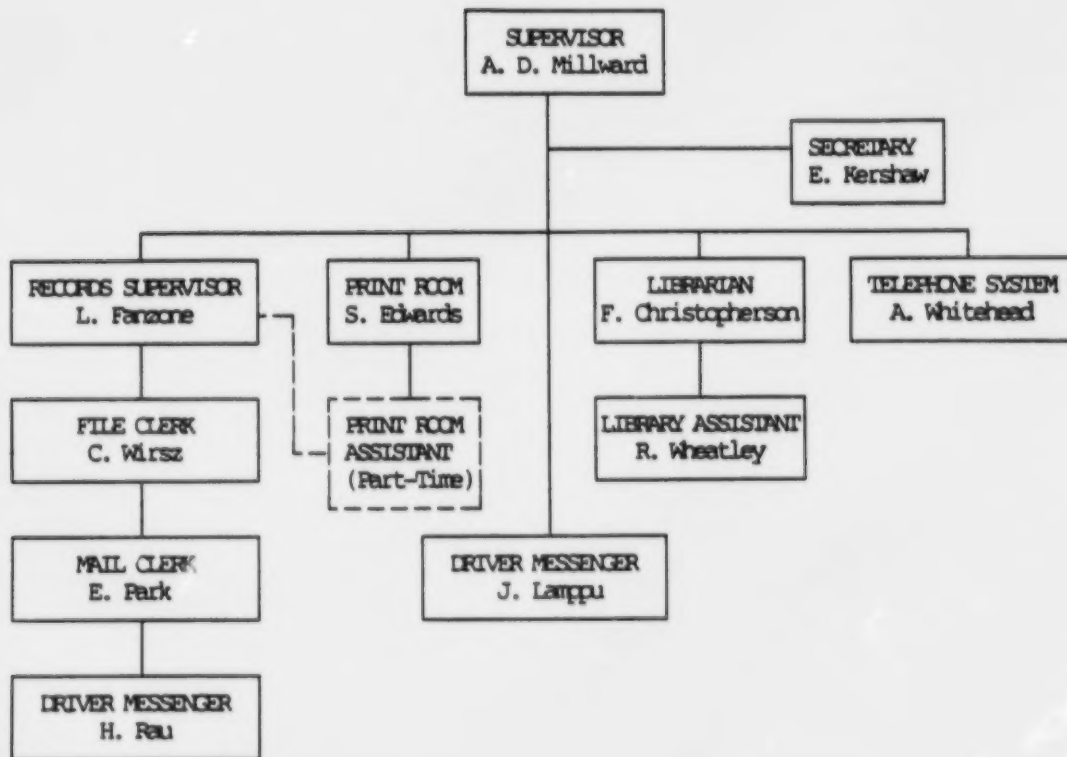
Monitor the Corporation's mail and courier services, and investigate alternative methods of seeking improvements at the same or lower cost.

Provide a report, with recommendations, on the current procedures for purchasing general office supplies, and the allocation of those costs to the Departments.

Continue the task of microfilming all Central Files, and some Library material, to provide greater access and quicker retrieval of information.

Continue computerization of Library procedures.

GREATER VANCOUVER REGIONAL DISTRICT
 GENERAL ADMINISTRATIVE SERVICES
 Central Administration
ORGANIZATION CHART



	<u>APPROVED NUMBERS</u>	<u>ACTUAL</u>
December 31, 1987	11	11
1988 changes	0	0
September 1, 1988	<u>11</u>	<u>11</u>
1989 changes	<u>1</u>	<u>1</u>
TOTAL December 31, 1989	<u>12</u>	

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Central Administration

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$281,550	\$294,104	\$307,490	\$
Board vehicle & mileage	14,050	11,972	14,020	
Memberships, tuitions, fees	1,350	1,976	2,570	
Consultants	2,500	11,244	3,500	
Travel	1,250	203	1,320	
Rent	61,250	61,100	61,800	
Periodicals	6,550	5,840	6,820	
Postage	2,500	2,013	2,550	
Telephone	4,750	6,347	6,070	
Printing	2,900	3,094	3,930	
Computer costs allocated	7,550	10,090	15,700	
Equipment replacement & maintenance	12,000	14,378	11,750	
Supplies & services	9,250	6,993	11,880	
Central Administrative Services allocated	19,223	18,100	11,900	
Microfilm service	2,100	533	2,000	
Total Expenditure	<u>\$428,773</u>	<u>\$447,987</u>	<u>\$463,300</u>	<u>\$463,300</u>

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Personnel Services

Long-Term and Ongoing Role

The Personnel Services Office administers a comprehensive human resource program for the GVRD which includes:

- Recruitment and selection service to department managers and supervisors, including relevant collective agreement interpretation, recruitment skills training, as well as related administrative support.
- Administration of two collective agreements involving active advice and support to management with respect to collective agreement interpretation, performance assessment and employee discipline. In addition, co-ordinates and participates in the negotiation of revised collective agreements and ad hoc GVRDEU bargaining issues.
- A broad ranging employee benefits function, which administers varied benefits entitlements for different employee groups. Further, makes recommendations to management regarding changes to employee benefits and benefit carriers to reflect changing needs of the Corporation and its employees.
- An internal training information resource for management and employees, in addition to ongoing in-house personnel related training.

Objective

To provide effective personnel services for the Corporation by ensuring the timely delivery of collective agreement administration and negotiating support, training services and recruitment and compensation services, in order to attract, retain and maximize the human resource capacity of the GVRD.

Review of 1988 Accomplishments

1. Completed the revision of the GVRD's Training Policy and Training approval procedures with a view towards increased training opportunities for GVRD employees.
2. Introduced an Employee Assistance Program to the GVRD including various stages of orientation for supervisory staff, shop stewards, E.A.P. representatives and employees.
3. Employee Recruitment services were again very active due in part to expanding departmental service mandates as well as a presently high rate of employee retirement. To October 31, 1988 the following employees have been recruited:

Regular Full Time:	92
Temporary Full Time:	131
Auxiliary:	1

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Personnel (Continued)

4. Through extended negotiations with the GVRDEU, a new 3 year Collective Agreement has been negotiated providing for some innovative changes in employee compensation and benefits including:
 - the elimination of paid-out accumulated sick-leave and the corresponding introduction of improved short term and long term sick leave protection for union employees through the duration of this agreement,
 - the elimination of former employer costs associated with employee travel time to work sites,
 - improved life insurance protection for employees and their dependents.
5. With the development of a Corporate Training Policy in 1987, personnel placed particular emphasis on co-ordinating and offering a variety of broad based skill development courses. This new undertaking is expected to become a more central aspect of the Personnel Services role. To date, the following programs have been broadly offered:
 - Word Processing Skills
 - Writing Skills
 - Quit Smoking
 - IBM P.C. Training
6. Continued progress was made in the Employee Involvement Program. Supervisory and Involvement training and follow-up was expanded in 1988, with employee task groups developed to examine issues of common interest and make recommendations.

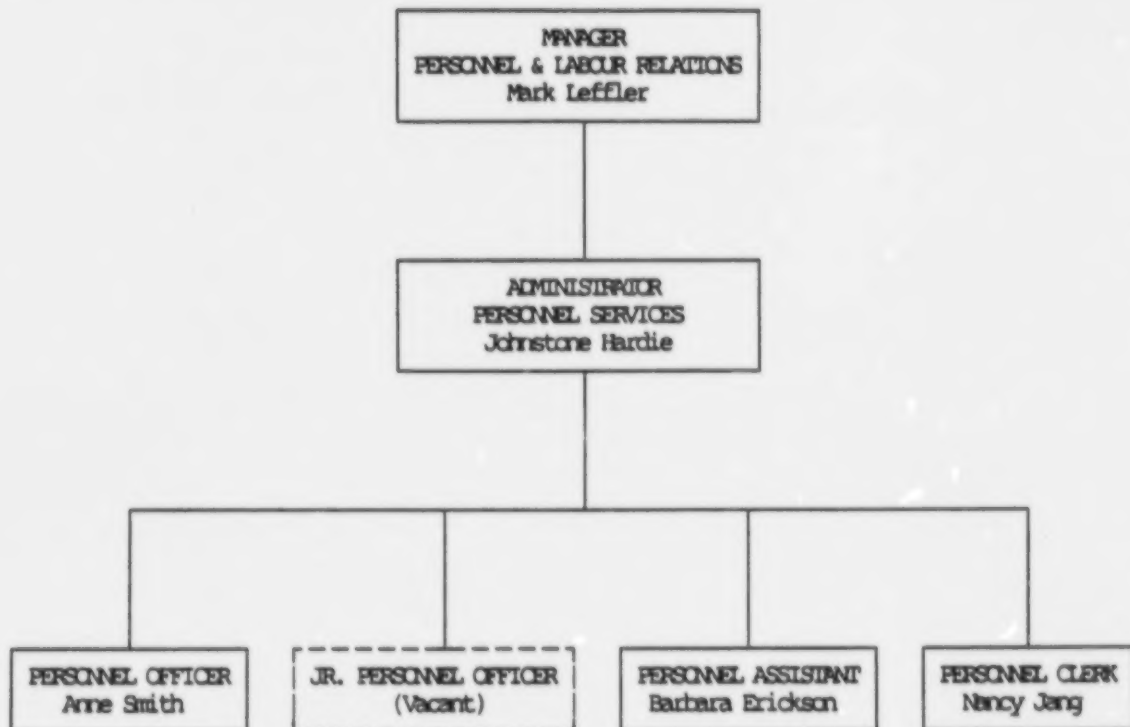
1989 Short-Term Objectives

- Increased emphasis by the GVRD on employee training will require Personnel to provide a greater level of service in this area, through various means including:
 - Personnel group services
 - Co-ordinating consulting training services both on an in-house and external basis.
 - Making a greater amount of relevant training information available to employees and supervisors.
- Insuring that the introduction of substantially changed employee benefits, particularly for GVRDEU members is well co-ordinated and introduced based on a sound understanding of the benefits being received.
- Development of a more effective new employee orientation program with improved Corporate information material such as an employee handbook.
- Selective introduction of employee performance appraisal and skills planning system with potential future management applications in human resource and strategic planning and development.

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Personnel

ORGANIZATION CHART

	<u>APPROVED NUMBERS</u>	<u>ACTUAL</u>
December 31, 1987	4	4
1988 changes	0	0
September 1, 1988	<u>4</u>	<u>4</u>
1989 changes	<u>1</u>	<u>4</u>
TOTAL December 31, 1989	<u>5</u>	

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Personnel

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Department Operating Expenses</u>				
Salaries & employee benefits	\$202,350	\$227,236	\$257,200	
Rent	32,500	32,422	32,300	
Board vehicles & mileage	1,200	688	1,220	
Consultants	10,000	2,350		
Labour Relations Services	18,300	18,300	18,300	
Telephone	3,300	3,440	3,300	
Supplies & other services	11,500	10,771	13,390	
Duplicating	2,500	1,188	2,600	
Equipment replacement & maintenance	2,300	3,501	2,320	
Computer services allocated	2,700	4,727	8,000	
Legal fees	10,000	1,657	30,000	
	<u>296,650</u>	<u>306,280</u>	<u>368,630</u>	
<u>Corporate Programs</u>				
Employee Involvement program	40,000	51,241	40,000	
Employee Development program	10,000		35,000	
Job Evaluation program	20,000	22,289	6,000	
Employee Assistance program	23,000	12,824	23,000	
Succession Planning program			6,000	
	<u>93,000</u>	<u>86,354</u>	<u>110,000</u>	
Total Expenditure	<u>\$389,650</u>	<u>\$392,634</u>	<u>\$478,630</u>	<u>\$478,630</u>

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Safety & Security

Long-Term and Ongoing Role - Safety

To provide worker and public safety within Greater Vancouver Regional District operations by developing, implementing by educational and other means, related practices, policies and procedures to ensure performance equals or exceeds all mandated requirements, including Workers' Compensation, Transportation of Dangerous Goods and Workplace Hazardous Materials Information System, etc.

Long-Term and Ongoing Role - Security

To develop and implement suitable security policies and procedures to provide adequate physical security at District facilities and temporary worksites.

1989 Short-Term Objectives

- a) Administer yearly Audiometric Testing Program.
- b) Provide Emergency Response Training, including self-contained breathing apparatus, chemical suits, chemical procedures.
- c) Administer the biennial Survival First Aid Training Program.
- d) Facilities inspections to identify and remedy hazards and security weaknesses.
- e) Continue review of Transportation of Dangerous Goods training and provide required training for employees newly engaged in work related to same.
- f) Offer chainsaw training and instruct in the proper procedures and special techniques to new employees working with chainsaws and to provide refresher training for those previously trained.
- g) Continue to provide consultative services to other departments in all areas of Safety and Security.
- h) Assist other departments in meeting the requirements of legal legislation entitled "Workplace Hazardous Materials Information System" (WHMIS) which includes inventory, labelling and training in regard to hazards and varying degrees of response in respect to an incident or emergency.
- i) Continuing review of operations of equipment including automobiles, other mobile equipment and stationary or portable equipment.
- j) Continue with monthly Safety Committee meetings, addressing any specific concerns and/or issues and the committee's monthly inspections of facilities and temporary worksites with follow-up as required.
- k) Continue evaluating equipment to meet GVRD safety requirements and recommend purchasing.
- l) Continue locksmithing work as related to "Lock-out" requirements and security needs.
- m) Investigate in concert with the Risk Management Officer all accidents and deaths on GVRD property.

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Safety & Security

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 44,500	\$ 44,702	\$ 46,400	\$
Board vehicles	4,050	7,594	7,800	
Mileage	350	189	360	
Rent	21,950	21,892	21,950	
Telephone	3,800	1,710	3,810	
Materials & supplies	4,100	7,164	4,200	
Duplicating	300	786	410	
Other services	1,550	1,312	2,090	
Equipment replacement & maintenance	600	922	620	
	81,200	86,271	87,640	87,640
Recoveries		(5,399)		
Total Expenditure	<u>\$ 81,200</u>	<u>\$ 80,872</u>	<u>\$ 87,640</u>	<u>\$ 87,640</u>

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Property Division

Long-Term and Ongoing Role

Co-ordinate, direct and maintain the District's real estate practices and procedures to a consistent and high standard.

Provide a complete range of property acquisition services, including negotiation and valuation, to ensure timely acquisition of required properties or interests in properties to meet the needs of the Departments.

Administer the general disposition process of lands and improvements that are surplus to the needs of the Districts; including: site preparation, valuation, tendering, marketing and transfer.

Provide property management services for all Departments, with the exclusion of day-to-day operation and maintenance of month-to-month tenancies and the respective buildings unless requested by the Department. Property Management includes: assessment reviews, tax reviews, facilities inventory, properties records, encroachments, general property inquiries, and other property matters arising out of ownership.

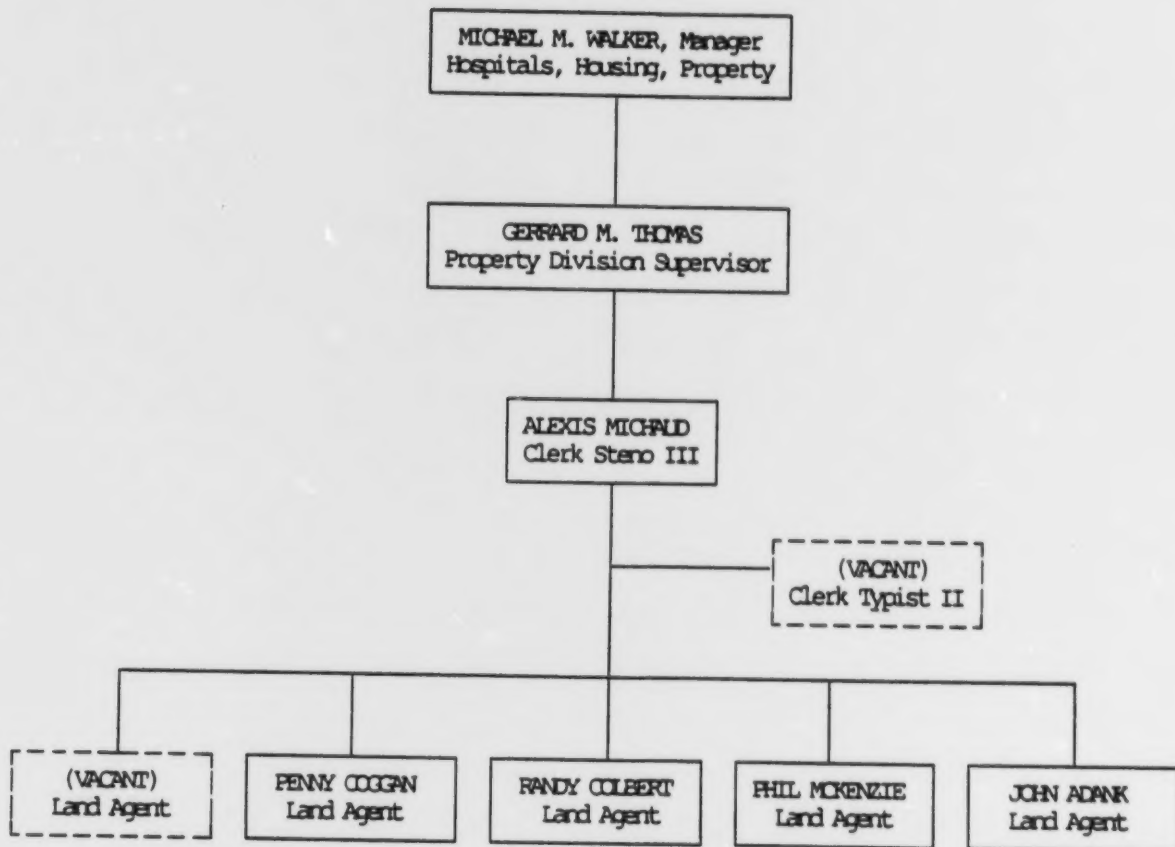
1989 Short-term Objectives

1. Continue the acquisition, disposal and property management of incomplete 1988 assignments.
2. Respond to new acquisition, disposal and property management assignments.
3. Complete the inventory of the Water District, Sewer District, Housing Corporation, Parks Department and general GVRD properties and complete entry of data into Property Information System.
4. Priorize all outstanding Water and Sewer District Rights-of-Way and commence resolution of high priority properties.
5. Monitor the Property Information System and institute program changes as required.
6. Complete first draft of Policy and Procedure manual detailing relationship and areas of responsibility between Departments and Property Division.
7. Continue the assembly of legal mapping.

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Property Division

ORGANIZATIONAL CHART

	APPROVED NUMBERS	ACTUAL
December 31, 1987	5.1	5.1
1988 changes	1.0	1.0
September 1, 1988	6.1	6.1
1989 changes	2.0	=====
TOTAL December 31, 1989	8.1	=====

GREATER VANCOUVER REGIONAL DISTRICT

GENERAL ADMINISTRATIVE SERVICES

Property Division

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$384,900	\$335,782	\$475,700	\$475,700
Board vehicles & mileage	8,600	1,968	11,100	11,100
Travel	5,100	231	5,100	5,100
Telephone	6,500	4,738	8,000	8,000
Consultants	67,000	80,379	71,700	71,700
Legal fees	20,000	6,231	20,000	20,000
Contract services			34,800	3,600
Supplies & other services	11,000	17,016	19,060	19,060
Equipment replacement & maintenance	4,000	1,842	5,040	5,040
Computer costs allocated	3,050	4,774	7,300	7,300
Computer programs	10,000	15,702	17,300	17,300
Rent	32,450	40,872	45,400	45,400
Indirect departmental costs allocated	6,000	4,818	6,000	6,000
Central Administrative Services allocated	19,150	19,148	28,500	28,500
	<u>577,750</u>	<u>533,501</u>	<u>755,000</u>	<u>723,800</u>
Less charged to:				
Property Acquisitions	351,000	368,186	489,150	398,900
GVWD Administration	100,400	50,057	67,300	68,000
GVS&DD Administration	107,000	102,076	118,600	196,800
GVRD Parks		9,104	46,800	37,200
GVHC Administration	3,760	3,757	22,500	18,600
	<u>562,160</u>	<u>533,180</u>	<u>744,350</u>	<u>719,500</u>
Total Recoveries				
Net	<u>\$ 15,590</u>	<u>\$ 321</u>	<u>\$ 10,650</u>	<u>\$ 4,300</u>

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Finance

Long-Term and Ongoing Role

Finance involves the statutory responsibilities of the Secretary-Treasurer's office, the provision of secretarial services to the Board and Committees, and the provision of financial, accounting, budgeting, purchasing, computer and systems services to the various operating departments in an effective and efficient manner.

The estimated 1989 cash flow for all activities, excluding expenditures to the sole cost of outside organizations, is as follows:

Capital Expenditures	\$106,147,000
Annual Operating Expenditures	<u>221,293,997</u>
	<u>\$327,440,997</u>

Secretary-Treasurer's Office

Undertake the statutory duties and responsibilities of Secretary and Treasurer as provided in the Municipal Act, the Hospital Districts' Act, the Greater Vancouver Water District Act, the Greater Vancouver Sewerage & Drainage District Act and the Company's Act.

Administer all by-laws and documents signed under seal.

Ensure the provision of secretarial and support services to the Chairman, the Board of Directors and Committees.

Manage the District's finances in accordance with sound and prudent policies and the relative statutory requirements.

Ensure the provision of accounting, budgeting, purchasing, insurance, computer operating and systems services to the various departments and functions in an effective manner.

Provide research into regional issues affecting local government finances and taxation.

Secretariat

Provide secretarial and related administrative services to the Board and its function committees including minutes and processing of by-laws.

Revise and maintain annual voters' lists and to conduct local elections (for GVRD Directors and the Island Trust) in the Region's three Electoral Areas, pursuant to the Municipal Act.

Provide administrative assistance to the Secretary-Treasurer and the Chairman as required.

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Finance (Continued)

Accounting

Provide accounting, accounts payable and payroll services for all corporate entities in accordance with generally accepted accounting principles, for local government in British Columbia.

Maintain an on-line computerized integrated financial information system.

Provide required financial reports to management.

Prepare the annual financial statements for the various corporate entities.

Provide assistance to all departments, as requested.

Budget and Treasury

Co-ordinate and prepare the provisional and annual operating budgets, and the five-year capital expenditure program.

Provide budget analyses and cost control information to department managers.

Provide corporate reporting and performance measurement information to senior management.

Administer the cash, debt and sinking fund management services for all corporate entities.

Provide assistance to the Treasurer in arranging long-term financing.

Monitor money market data.

Provide research services with respect to financial matters affecting the Districts and the region as a whole.

Purchasing

Provide centralized purchasing of goods and services for the various functions.

Work with other public bodies in co-operative buying arrangements.

Administer the District's risk management program.

Provide a centralized stores operation.

Computer Operations

Provide centralized on-line time-sharing computer services to all departments.

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Finance (Continued)

Computer Operations (Continued)

Maintain a computer network to provide for micro-computers to communicate with the central system and printers.

Provide common software programs such as word processing to all departments.

Systems

Provide assistance to departments with respect to computer systems analysis and design and software application programs.

Monitor new software products and changes in the computer industry.

Maintain the computer operations strategic plan.

Provide word processing training and assistance to all departments.

1989 Short-Term Objectives

Finalize proposed changes to the G.V.W.D. and G.V.S. & D.D. Acts.

Continue the review and update of the financial reporting system with senior management.

Select and install a computerized purchase order and commitment system to increase efficiency and provide more timely information.

Continue the review and update of accounting, budgeting and purchasing policy and procedures manuals.

Undertake long-term capital financing for the various corporate entities as required.

Continue the establishment of formal risk management policies and procedures.

Establish a computerized information system for Board correspondence, decisions, meetings, by-laws and other business.

Establish formal policies and procedures with respect to establishing managing corporate information systems.

Updating and implementing the computer system strategic plan.

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Finance (Continued)

Review of 1988 Objectives

The new payroll computer information system has been installed. The direct deposit feature has been delayed until minor adjustments and improvements to the system are complete.

The computer operations strategic plan update is complete.

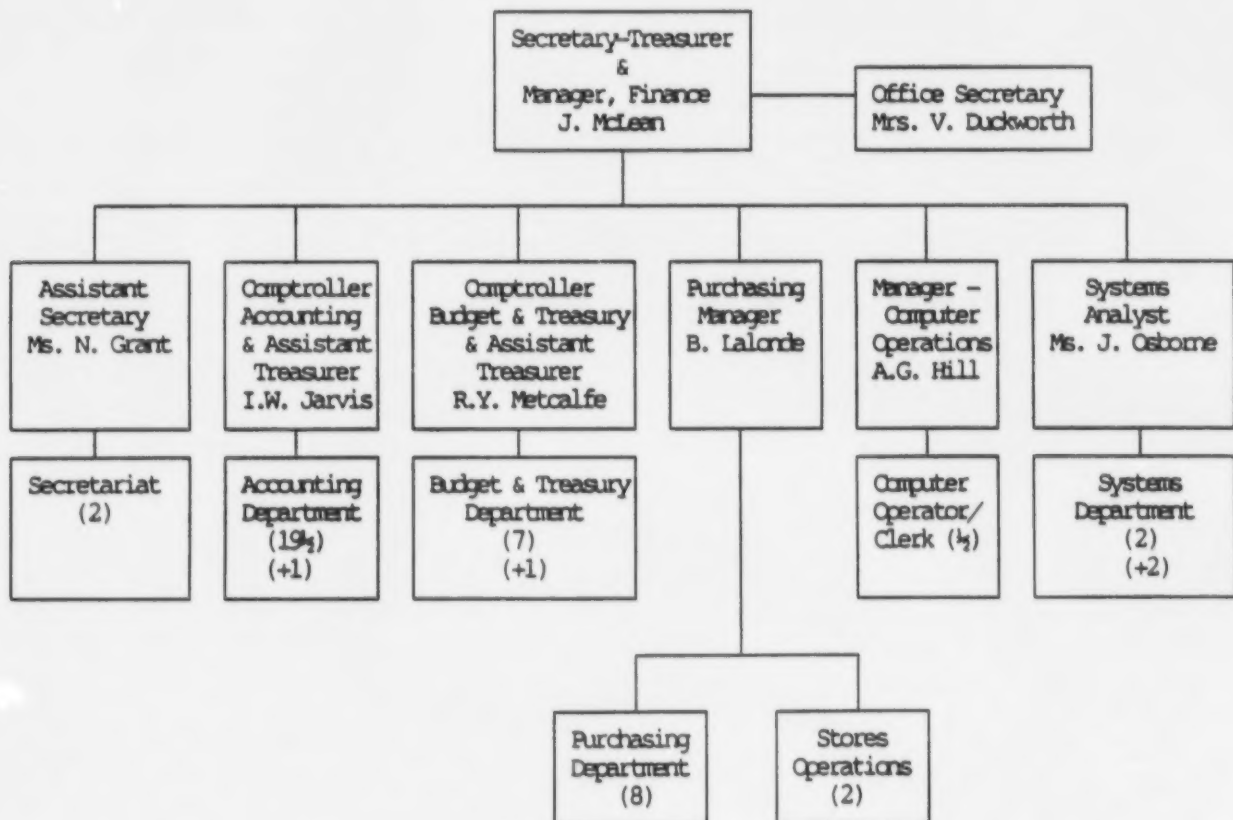
Work commenced on the review and updating of the financial reporting system.

The risk management policy was formalized, special seminars on risk management arranged and work on the policies and procedures manual commenced.

Refinanced Housing Corporation mortgages amounting to about \$111,300,000.

The computerized purchase order and commitment system was deferred pending appraisal of available software.

The proposed changes to the G.V.W.D. and G.V.S. & D.D. Acts will be completed in the new year.



GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Accounting Department

Activities or Level of Service

To provide the following centralized services to all functions:

Payroll

Accounts payable

General accounting services

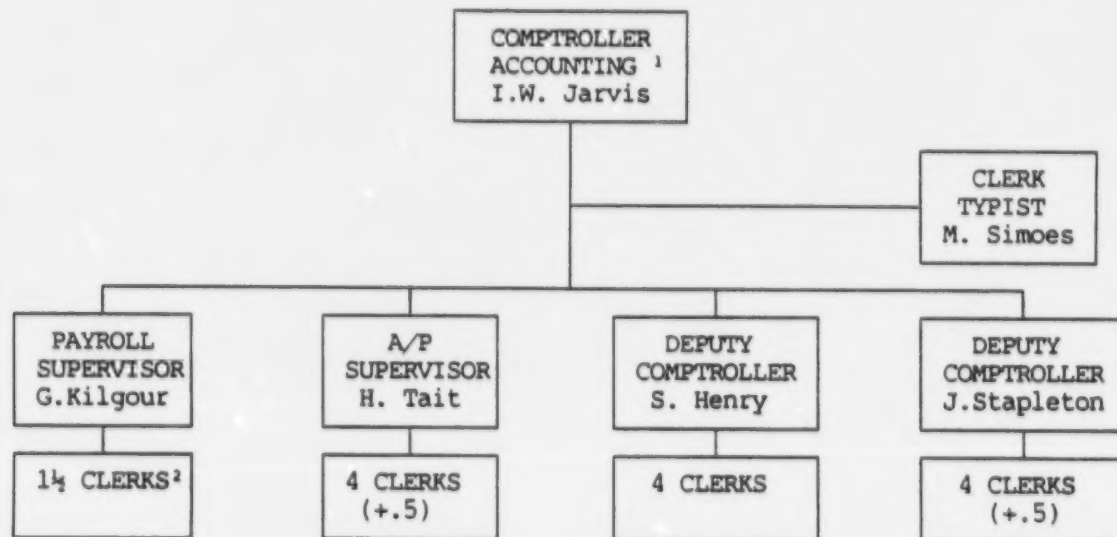
Capital expenditure control and reporting

Periodic financial reports

On-line computerized financial information system available to all functions down to the transaction level of detail.

Claiming Federal and Provincial sales tax rebates on capital projects.

Claiming Federal and Provincial Government grants.



(1) 1/2 charged to Administration Offices

(2) 1/2 Clerk charged to Computer Operations and Accounting

	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	19 1/2	19 1/2
1989 changes budgeted	1	-----
December 31, 1989	20 1/2	

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Accounting Department

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits \$	689,800	\$ 700,672	\$ 776,160	
Mileage & Travel	2,150	1,756	2,190	
Membership, tuitions, fees	6,900	1,590	7,150	
Office expenses				
Rent	130,600	128,752	129,800	
Postage	8,700	8,954	9,010	
Telephone	13,000	12,954	14,730	
Materials & supplies	19,150	20,119	19,900	
Duplicating	1,300	3,257	1,320	
Bank charges	1,250	1,320	1,300	
Other services	4,350	12,417	4,520	
Equipment replacement & maintenance	21,500	21,122	24,100	
Consultants		8,358		
Computer programs	67,000	65,061	84,000	
Computer services	104,300	100,048	79,300	
Total Expenditure	\$1,070,000	\$1,086,380	\$1,153,480	\$1,153,480

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Budget & Treasury Department

Activities or Level of Service

To provide the following centralized services to all departments:

Cash management

Debt management

Sinking Fund management

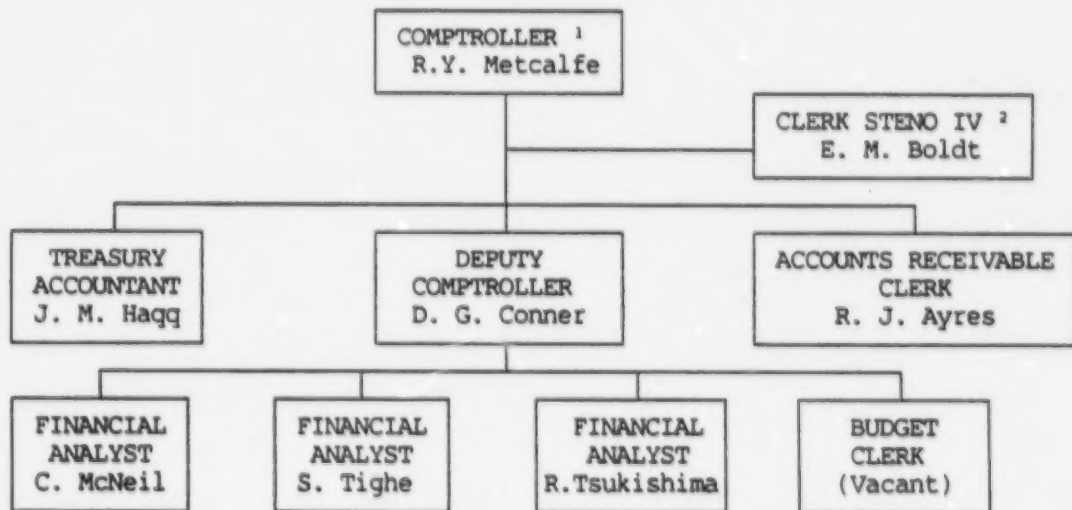
Annual budget co-ordination and production

Budget analysis and cost control

Five-year capital expenditure program co-ordination and production

Assistance in arranging long-term financing

Monitoring money market data and providing research for investment and borrowing decisions.



(1) 1/2 charged to Administration Offices

(2) Charged to Administration Offices

	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	9	8
1989 changes budgeted	0	-----
December 31, 1989	9	-----

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Budget and Treasury Department

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$317,200	\$295,956	\$349,000	\$
Mileage	700	363	750	
Travel	800	1,104	800	
Office expenses				
Rent	48,000	47,827	48,200	
Telephone	4,000	4,338	4,000	
Materials & Supplies	2,750	2,692	2,850	
Duplicating	11,300	9,450	11,800	
Other services	3,550	10,086	3,700	
Equipment replacement & maintenance	9,700	10,900	12,050	
Computer programs	3,500	1,535	3,500	
Computer services	10,700	18,427	10,800	
Total Expenditure	\$412,200	\$402,678	\$447,450	\$447,450

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Computer Operations

Activities or Level of Service

Backup of system and user files onto tape for safekeeping.

Analyzing the cause of equipment problems and expediting the solution to same.

Analyzing the cause of users' program problems and expediting the solution to same.

Analyzing computer system performance re proper job mix to ensure priorities are met.

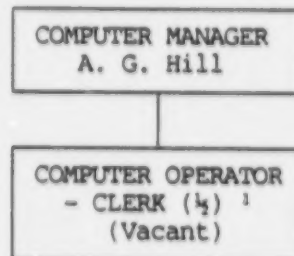
Analyze system enhancements, testing and implementing same.

Analyze the use of system resources to ensure all redundant data is removed so as to maintain a reasonable response time.

Ensuring proper maintenance of system and analyzing trends developing from system statistics so as to ensure minimum downtime.

Provide input into the computer system long range plan.

To monitor new computer equipment technology to ensure computer resources are up to date.



(1) Charged to Computer Operations and Accounting.

	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	14	14
1989 changes budgeted	0	
December 31, 1989	14	

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Computer Operations Department

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Central Computer Operations				
Salaries & employee benefits	\$ 69,800	\$ 71,264	\$ 60,800	\$ 60,800
Rent	31,973	31,889	32,000	32,000
Consultants	7,000	3,009	7,000	7,000
Materials & supplies	14,000	14,476	14,600	14,600
Telephone	3,950	2,212	4,100	4,100
Other services	13,770	8,379	14,300	14,300
	140,493	131,229	132,800	132,800
Provision for equipment replacement	85,100	100,385	114,315	114,315
Equipment maintenance	59,300	51,645	77,808	77,808
Software amortization & maintenance	33,800	31,003	54,829	54,829
Total Expenditure	318,693	314,262	379,752	379,752
Allocated to user departments	(318,693)	(314,262)	(379,752)	(379,752)
	\$ NIL	\$ NIL	\$ NIL	\$ NIL
Terminals & Printers				
Provision for replacement	\$ 39,300	\$ 47,240	\$ 38,000	\$ 38,000
Maintenance	9,900	8,060	10,300	10,300
Supplies	17,500	22,647	18,200	18,200
Total Expenditure	66,700	77,947	66,500	66,500
Allocated to user departments	(66,700)	(77,947)	(66,500)	(66,500)
	\$ NIL	\$ NIL	\$ NIL	\$ NIL

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Systems

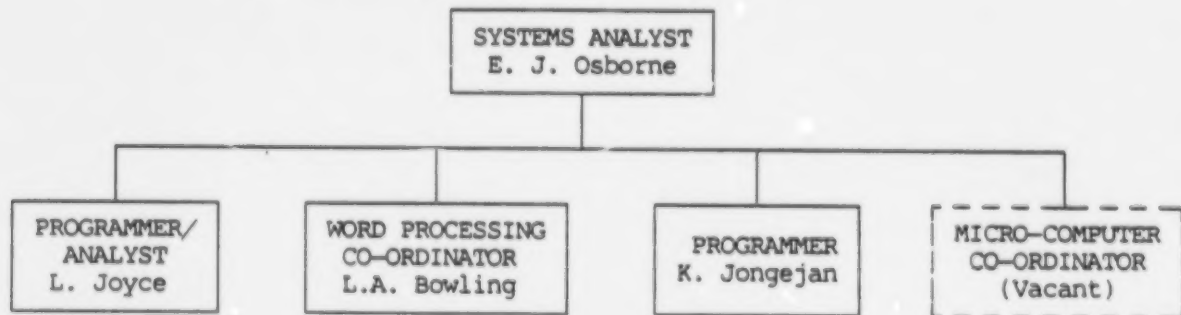
Activities or Level of Service

To provide systems analysis and design services at the request of department managers.

To assist department staff in the use of micro-computers and word processing as well as the main computer applications.

To provide input into the computer system long range plan.

To monitor the introduction of new computer software application products and report to senior management any applications of which they should be aware.



	APPROVED	ACTUAL
December 31, 1988	4	4
1989 changes budgeted	1	
December 31, 1989	5	

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$108,300	\$124,996	\$231,500	\$
Rent	7,850	7,826	7,900	
Membership, tuitions, fees	5,300	5,009	14,500	
Postage	100	30	100	
Consultants	6,000	6,410		
Telephone	1,500	1,721	3,080	
Supplies & services	6,600	7,033	10,120	
Equipment replacement & maintenance	1,000	702	4,700	
Computer costs allocated	4,800	2,546	9,200	
Total Expenditure	\$141,450	\$156,273	\$281,100	\$281,100

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Purchasing

Purpose

- To centrally purchase all goods and services;
- To provide a centralized stores (inventoried stock) operation;
- To dispose of surplus goods;
- To provide central risk management including administration of insurance;
- To administer part of vehicle fleet.

1989 Short-Term Objectives

1. Develop and implement automated purchasing system;
2. Develop and implement interface with accounting to facilitate encumbrance accounting;
3. Develop and present risk management seminar in order to effectively implement risk management policy.

1988 Objectives

1. Purchasing and Risk Management policies developed.
2. Automated system work confined to investigation and definition.

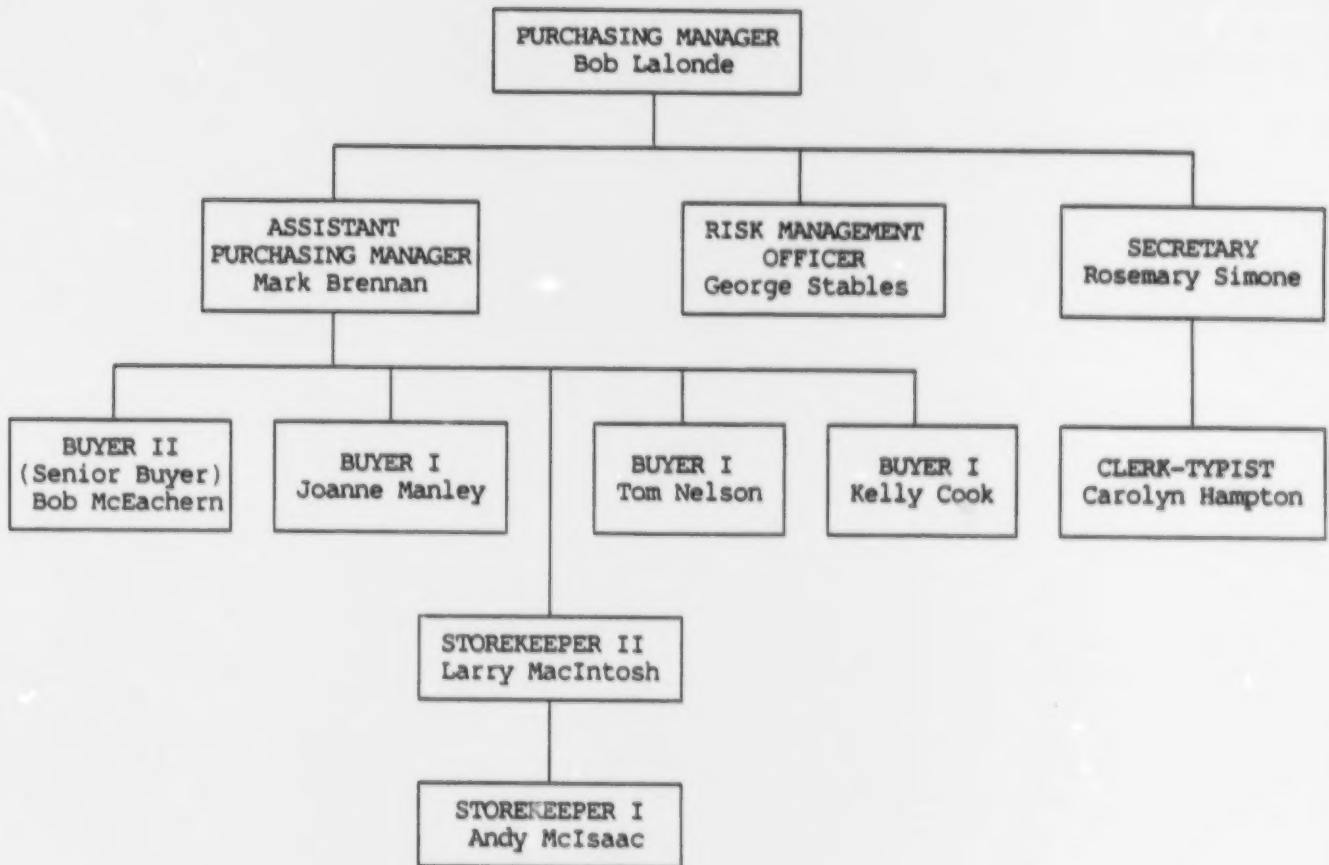
Activities or Level of Service

- To invite tenders for the supply of goods and services so as to attain best value for public funds and in a manner which is fair and open to all who wish to do business with the District;
- To enter into contracts on behalf of GVRD which best protect its interests;
- To administer tendering procedures for other contracting authorities;
- To administer stores operations including maintenance of inventory records;
- To maintain furniture and equipment asset inventory;
- To determine most appropriate methods of procurement;
- To administer performance with regard to goods and services contracts;
- To develop sources of supply;
- To administer designated fleet of vehicles;
- To develop and implement cyclical procurement plans.

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Purchasing Department

ORGANIZATION CHART

	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	11	11
1989 changes budgeted		
December 31, 1989	11	

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Purchasing

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$393,850	\$372,471	\$436,260	
Board vehicles & mileage	14,700	12,447	15,430	
Travel	900	1,032	940	
Insurance study	40,000			
Office Expenses				
Telephone	10,400	11,745	10,440	
Postage	4,700	4,469	4,900	
Equipment replacement & maintenance	9,000	7,856	13,730	
Computer programs			12,000	
Supplies & other services	24,800	20,575	27,500	
Duplicating	850	719	880	
Computer services	9,200	4,630	7,500	
Rent	52,500	52,338	52,900	
Total Expenditure	<u>\$560,900</u>	<u>\$488,282</u>	<u>\$582,480</u>	<u>\$582,480</u>

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

Central Administrative Services
Summary

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Finance</u>						
Accounting	A28	\$1,070,000	\$1,086,380	\$1,153,480	\$1,153,480	+ 7.8
Budget & Treasury	A30	412,200	402,678	447,450	447,450	+ 8.6
Systems	A33	141,450	156,273	281,100	281,100	+ 98.7
Purchasing	A36	560,900	488,282	582,480	582,480	+ 3.8
		2,184,550	2,133,613	2,464,510	2,464,510	+ 12.8
<u>Corporate Services</u>						
Transfer from Corporate Services - Personnel	A17	296,650	306,280	368,630	368,630	+ 24.3
Total Expenditure		<u>\$2,481,200</u>	<u>\$2,439,893</u>	<u>\$2,833,140</u>	<u>\$2,833,140</u>	+ 14.2

Recovery of Central Administrative ServicesCharges to District Departments

GVRD functions	\$	287,050	\$	316,074	\$	392,700	\$	392,700	+ 36.8
Operations Division		716,850		708,000		775,200		775,200	+ 8.1
Engineering Division		144,950		141,950		146,100		146,100	+ 0.8
Mechanical Division		81,950		81,350		87,800		87,800	+ 7.1
Construction Division		224,800		222,800		241,200		241,200	+ 7.3
Quality Control Division		87,000		86,000		103,900		103,900	+ 19.4
Waste Disposal Operations		17,600		14,811		89,000		89,000	+405.7
Other minor operations		61,500		61,290		40,400		40,400	- 34.3
Hospital District Admin.		64,600		64,600		75,300		75,300	+ 16.6
Regional District Admin.		31,800		31,792		35,400		35,400	+ 11.3
Water District Admin.		43,600		43,600		44,300		44,300	+ 1.6
Water District Capital		32,200		12,804		29,000		29,000	- 9.9
Sewerage District Admin.		59,100		59,100		55,100		55,100	- 6.8
Sewerage District Capital		46,000		37,936		6,700		6,700	- 85.4
Sinking Fund Admin.		32,700		30,463		34,200		34,200	+ 4.6
		<u>1,931,700</u>		<u>1,912,570</u>		<u>2,156,300</u>		<u>2,156,300</u>	+ 11.6

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>	<u>% Change over 1988 Final Budget</u>
Charges recoverable from other sources					
Greater Vancouver Housing Corporation	\$ 403,050	\$ 397,355	\$ 450,000	\$ 450,000	+ 11.6
Forestry Division	95,700	102,500	127,700	127,700	+ 33.4
Hospital Projects		18,590			
Parks Rentals	<u>14,050</u>	<u>13,910</u>	<u>14,500</u>	<u>14,500</u>	+ 3.2
	<u>512,800</u>	<u>532,355</u>	<u>592,200</u>	<u>592,200</u>	+ 15.5
Total Recovery	<u>\$2,444,500</u>	<u>\$2,444,925</u>	<u>\$2,748,500</u>	<u>\$2,748,500</u>	+ 12.4
Excess (Deficiency) of Recovery over Expenditure	\$ (36,700)	\$ 5,032	\$ (84,640)	\$ (84,640)	
Accumulated recovery from previous years	<u>86,640</u>	<u>86,705</u>	<u>84,820</u>	<u>91,737</u>	
Excess carried forward to next year	<u>\$ 49,940</u>	<u>\$ 91,737</u>	<u>\$ 180</u>	<u>\$ 7,097</u>	

GREATER VANCOUVER REGIONAL DISTRICT

ADMINISTRATIVE SERVICES

General Expenses

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits	\$	\$ 34,593	\$	\$
Audit	56,400	55,574	58,700	
Legal	25,000	12,296	25,000	
Insurance	39,300	35,217	47,700	
Provision for contingencies	40,000		40,000	
Consultants		2,513		
Materials, supplies & other services	<u>4,300</u>	<u>32,371</u>	<u>4,500</u>	
Total Expenditure	<u>\$165,000</u>	<u>\$172,564</u>	<u>\$175,900</u>	<u>\$175,900</u>

"B"

GREATER VANCOUVER REGIONAL DISTRICT

AIR POLLUTION CONTROL

SUMMARY OF INCREASE IN 1989
EXPENDITURES OVER 1988 FINAL BUDGET

1988 Final Budget		\$2,105,900
Less 1988 Extraordinary Items		
Air Management Plan		<u>(120,000)</u>
1988 Base Budget		1,985,900
Changes in Base Budget		
Merit/Reclassification Increases	\$ 15,400	
Annualization of 1988 Staff Additions	8,000	
Vehicle replacement	13,800	
Allocated central cost centres	20,900	
Miscellaneous	3,800	
Transfer of indirect costs re reorganization of Pollution/Quality Control (decrease in other budgets)	<u>64,400</u>	
		126,300
Boundary Expansion		
Air pollution control program Langley City and Township		<u>64,100</u>
		2,176,300
Changes in Level of Service		
Permit & By-law Administration	63,800	
Project Air Monitoring	29,500	
Inventory & Database Management	46,000	
Air Quality Index Notification	<u>25,800</u>	
		<u>165,100</u>
		2,341,400
Extraordinary Items		
Air Management Plan		
Completion of Stage I	90,000	
Commencement of Stage II	<u>30,000</u>	
	120,000	
Decrease in fiscal services	<u>(116,000)</u>	
		4,000
Inflation		<u>97,600</u>
1989 Final Budget		<u>\$2,443,000</u>

AIR POLLUTION CONTROLLong-Term and Ongoing Role

The air pollution control function involves the administration and enforcement of the Provincial Waste Management Act and an Air Pollution Control By-law, as well as the operation of two ambient air monitoring programs. The enforcement programs are not of a voluntary nature, but are programs that the Regional District is legally obliged to perform.

1. Waste Management Act Administration - applies to most emissions with particular emphasis on industrial sources. An inventory of Regional emission sources is maintained and major emissions are controlled by permits, approvals and orders issued by the District Director, in general accordance with Provincial and Federal guidelines.
2. By-law Administration - applies to domestic, commercial and institutional heating installations and incinerators for the disposal of domestic and commercial wastes, having a capacity of 200 kilograms per hour or less. Only approved equipment may be operated, with permits being required for the installation and operation of new facilities.
3. Ambient Air Particulate Monitoring - involves the measurement of coefficient of haze, dustfall, total suspended particulate and suspended particulate metals at 41 stations.
4. Ambient Air Gaseous Monitoring - involves the measurement of gaseous pollutants and selected meteorological parameters at 23 stations, in cooperation with industry and senior government. A Mobile Air Monitoring Unit (MAMU) provides ambient air monitoring capability in those areas of the Regional District which are not in the vicinity of a fixed monitoring station.

In performing the air pollution control function, the Regional District maintains a 24-hour response to citizen complaints of excessive emissions and related air quality problems. Approximately 2,000 such complaints are received annually, with 20-25% being reported outside of normal working hours. These complaints are investigated and remedial action secured, in most cases. Ambient air quality information is available to the public through a 24 hour telephone message system which reports the current Air Quality Index for five areas of the District.

1989 Short-Term Objectives

Enforcement and monitoring programs continue to expand in response to the public's increased sensitivity to air quality issues. For 1989, several short-term objectives have been set which relate to concerns expressed by the public and member municipalities.

1. Air Management Plan

This project is planned for completion in 2 stages. Stage 1 will focus on projections of regional growth, future air quality conditions and an assessment of appropriate air quality models for the Region. This Stage, which was begun in 1988, will be completed in 1989. Upon adoption by the Regional Board, it will provide a work plan for the Stage 2 development of detailed control strategy options.

An extensive emission inventory was completed by the District in 1987 at a cost of \$270,000, as part of the Lower Mainland Oxidant program. The modification and maintenance of this computer database is an important part of the Air Management Plan development work and the 1989 budget provides \$46,000 for these purposes.

2. Air Pollution Control Bylaw

GVRD Air Pollution Control Bylaw No. 92 was revised in 1988 to reflect the growing concern for emissions from solid waste incinerators in apartment buildings. Their use has resulted in a substantial number of complaints from the public and creates potential air quality and health impacts. The new bylaw will be implemented in 1989.

3. Ambient Air Gaseous Monitoring - Telemetry Equipment Upgrade

The telemetry system for the transfer of data from ambient air gaseous monitoring stations to Pollution Control's AQMS computer has been in place since 1975 and has been overloaded by the ongoing expansion of the monitoring system. A project to upgrade the telemetry hardware and software began in 1988 and will be completed in 1989 to provide more cost-effective and reliable data capture for this network.

4. Ambient Air Monitoring Network Revisions

In 1986, the District's Ambient Air Monitoring Network was reviewed by a task force of outside experts. Implementation of their report recommendations will be completed in 1989. This project includes the assessment of suitable monitoring sites in central Burnaby and the North Shore, procurement of equipment for these sites, and an assessment of operation of existing stations on Burnaby Mountain and Eagle Ridge.

The need for program resources to carry out short term monitoring and impact evaluations and maintain and upgrade the extensive ongoing monitoring network has increased substantially in recent years. The 1989 budget provides \$29,500 for junior technical resources to assist existing staff in these areas.

5. Oxidant Control Program

The District will continue to participate in the tri-level Lower Mainland Oxidant Program in 1989. This important work will be coordinated with the Air Management Planning program and will include emission forecasts and photochemical modelling, and assessment of oxidant precursor control strategies.

6. Air Quality Index Notification

The District has provided an Air Quality Index to the media and the public since 1985. Concern has been expressed about the timeliness of providing this information to the public with appropriate advisory statements during air pollution episodes. The 1989 budget provides \$25,800 to implement an improved notification system and allow for short term staff resources during off hour periods of poor air quality.

7. Extension of Regional Air Pollution Services

The provincial Waste Management Branch provides air pollution control services to the City and Township of Langley. In anticipation of considering the application of these municipalities to join the GVRD, the 1989 budget includes a provision of \$64,100 to extend the existing District Air Pollution Control services to these areas.

8. Permitting and Monitoring of Emission Sources

The District's Pollution Control Officers and Sampling Technicians will continue to conduct a large number of inspections and tests of emission sources to ensure compliance with acceptable discharge levels. This information is being incorporated into the emission inventory data base for the dual purposes of Permit management and the assessment of progress in achieving air quality goals.

The District has been required to steadily increase its enforcement and surveillance of permitted sources to meet public concerns and ensure that industry permit requirements reflect growing environmental needs. The District has not increased its air pollution inspection staff since 1972 and the 1989 budget provides \$63,800 for additional staff resources to meet these demands.

Review of Prior Year's Objectives

1. Emission Inventory & Permit Fee System

The emission inventory data base for 1985 (completed in 1987) was upgraded in 1988 to include emission test data, permit compliance information, and permit administration fee data. This data base has enhanced both enforcement activity efficiency and the availability of emission source information.

2. Oxidant Control Program

Work continued in 1988 toward establishing an Oxidant Control Strategy for the Lower Mainland. However, the establishment of an Air Management Planning program led to the integration of the GVRD component of this work into Plan development. This latter project, with much broader terms of reference, began in the Fall of 1988.

3. Air Quality Assessment, Forecasting and Reporting

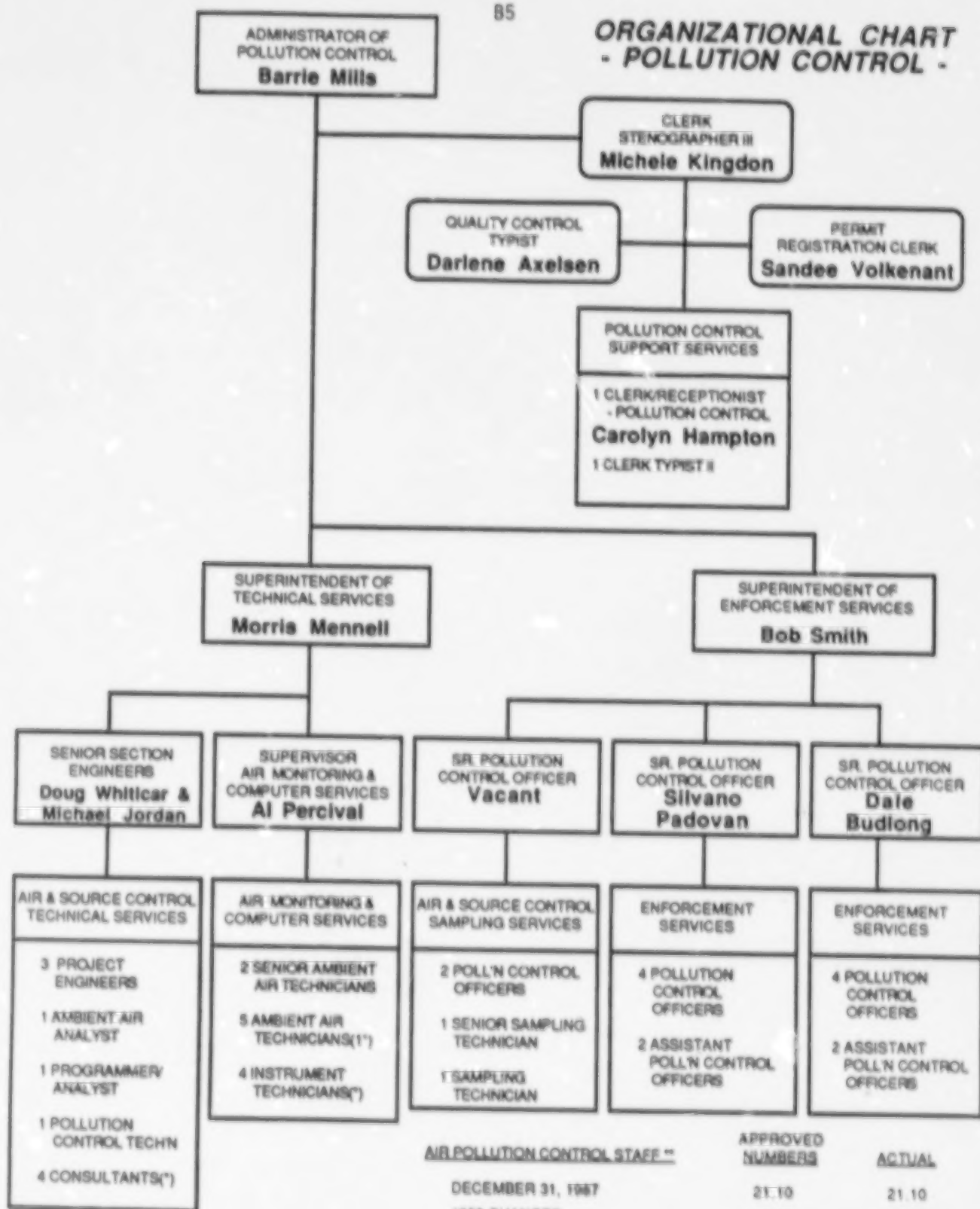
A consortium consisting of Concorde Scientific and B.H. Levelton & Associates were awarded a contract in 1988 for development of Stage 1 of an Air Management Plan for the Region. This project will continue into 1989.

Air quality monitoring at sites surrounding the new Burnaby incinerator provided a wealth of information during 1988 with which to assess the effect on local air quality of the incinerator's operation.

4. Monitoring Network Improvements

Implementation of the monitoring network task force recommendations were continued in 1988. Such major changes to the system require significant resources to complete and the project will continue into 1989.

ORGANIZATIONAL CHART - POLLUTION CONTROL -



* SEASONAL/PART-TIME

AIR POLLUTION CONTROL STAFF **

DECEMBER 31, 1987
1988 CHANGES
DECEMBER 31, 1988
1989 CHANGES
DECEMBER 31, 1989

APPROVED NUMBERS

21.10
3.60
24.70
6.15
30.85

ACTUAL

21.10
3.60
24.70
6.15

** Full-Time Equivalents

GREATER VANCOUVER REGIONAL DISTRICT

Air Pollution Control
Revenue & Expenditure Budget
Year Ending December 31, 1989

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Revenue</u>						
Members' tax requisitions		\$ 996,632	\$ 996,632	\$1,179,800	\$1,176,832	+18.1%
Provincial Government grant		475,000	475,000	539,100	539,100	+13.5%
Other Revenue - Ambient						
Air Gaseous Monitoring		544,300	555,050	618,600	618,600	+13.7%
Surplus from previous year		89,968	89,968	105,500	108,468	+20.6%
Total Revenue		<u>\$2,105,900</u>	<u>\$2,116,650</u>	<u>\$2,443,000</u>	<u>\$2,443,000</u>	+16.0%
<u>Expenditure</u>						
By-law Administration	B10	\$ 141,600	\$ 134,622	\$ 193,800	\$ 193,800	+36.9%
Waste Management Act Administration	B12	877,300	791,680	1,096,600	1,096,600	+25.0%
Ambient Air Gaseous Monitoring	B14	829,700	818,318	1,004,400	1,004,400	+21.1%
Particulate Monitoring	B15	141,300	147,562	148,200	148,200	+ 4.9%
		<u>1,989,900</u>	<u>1,892,182</u>	<u>2,443,000</u>	<u>2,443,000</u>	+22.8%
Fiscal Services						
Ambient Air Gaseous Monitoring	B14					
- Debt Charges		48,200	48,200			
- Contribution to Capital		67,800	67,800			
		<u>116,000</u>	<u>116,000</u>			
Total Expenditure		<u>\$2,105,900</u>	<u>\$2,008,182</u>	<u>\$2,443,000</u>	<u>\$2,443,000</u>	+16.0%
Surplus carried to following year			<u>\$ 108,468</u>			

GREATER VANCOUVER REGIONAL DISTRICT

Air Pollution Control
1989 Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$1,068,300	\$1,010,628	\$1,362,900	\$
Board & rented vehicles	59,600	68,444	83,400	
Mileage	23,300	15,213	30,000	
Travel	5,900	9,643	8,400	
Consultants	231,500	145,906	217,600	
Telephones	29,000	31,717	35,400	
Provision for equipment replacement	100,700	107,453	103,200	
Repairs & maintenance	31,400	30,299	32,600	
Materials & supplies	83,100	88,681	87,200	
Other services	7,100	8,619	8,400	
Electricity	8,300	5,165	8,300	
Legal	15,000	35,298	26,000	
Advertising	6,600	10,100	6,900	
Computer operations allocated	1,800		4,300	
Beach Yard control allocated	3,600	3,600	3,700	
Indirect departmental costs allocated	274,000	280,885	384,000	
Office building rental allocated	40,700	40,531	40,700	
	<u>1,989,900</u>	<u>1,892,182</u>	<u>2,443,000</u>	<u>2,443,000</u>
Fiscal Services				
Debt charges	48,200	48,200		
Contribution to capital	67,800	67,800		
	<u>116,000</u>	<u>116,000</u>		
Total Expenditure	<u>\$2,105,900</u>	<u>\$2,008,182</u>	<u>\$2,443,000</u>	<u>\$2,443,000</u>

GREATER VANCOUVER REGIONAL DISTRICT

Air Pollution Control
1989 Budget
Pollution Control Administration

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$133,700	\$133,050	\$ 46,900	\$
Board vehicles & mileage	4,000	4,632		
Central administrative services allocated	4,800	5,200	1,800	
General Administrative Services Allocated	800		300	
Travel	3,500	2,746		
Insurance	100	38	100	
Office Expenses				
Rent	40,500	40,063	34,300	
Postage	4,500	4,639		
Telephones	6,900	7,368	5,600	
Duplicating	6,000	2,807		
Materials & supplies	11,300	14,873	12,300	
Computer operating costs	21,000	18,430	3,400	
Provision for equipment replacement	12,800	10,626	2,000	
Other services	7,000	9,534	4,400	
	256,900	254,006	111,100	111,100
Less allocated to:				
Air Pollution Control	(105,300)	(105,100)	(66,700)	(66,700)
GVS&DD/GVWD Operations	(151,600)	(148,906)	(44,400)	(44,400)
Total Expenditure	\$ NIL	\$ NIL	\$ NIL	\$ NIL

GREATER VANCOUVER REGIONAL DISTRICT

Air Pollution Control
1989 Budget
Indirect Departmental Costs

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$	\$	\$102,300	\$
Mileage	2,000	1,832	6,700	
Central administrative services allocated	60,725	54,200	80,700	
Pollution Control admini- strative services allocated	105,300	105,100	66,700	
General Administrative Services allocated	6,500	6,200	5,500	
Travel			3,500	
Radio costs allocated	12,700	11,072	12,700	
Office Building rental allocated	77,100	74,743	83,300	
Postage			4,500	
Telephones	12,900	12,940	15,000	
Duplicating			6,800	
Materials & supplies			1,100	
Computer operating costs			27,100	
Provision for equipment replacement		6	9,800	
Other services			5,500	
	277,225	266,093	431,200	431,200
Less allocated as an override on salaries	(277,225)	(266,093)	(431,200)	(431,200)
Total Expenditure	\$ NIL	\$ NIL	\$ NIL	\$ NIL

AIR POLLUTION CONTROLBy-law Administration ProgramPurpose

To administer and enforce the requirements of the Regional District Air Pollution Control By-law No. 92.

Activities or Level of Service

To date, under this By-law, nearly 200 unapproved incinerators have been closed and over 350 approved units repaired or modified to reduce their emissions. However, the number of complaints regarding these sources remains at a high level. The proposed Bylaw amendments will require that existing incinerators be either substantially upgraded to meet new, more stringent criteria or be shut down. Implementation of this revised Bylaw is scheduled for early 1989. In the interim, staff is continuing to enforce existing By-law requirements.

The following activities are carried out under this program.

- Issue permits for the installation and operation of new equipment and the modification of existing equipment.
- Inspect installations to ensure that all equipment is approved and properly maintained and operated.
- Monitor emission levels and require actions to be taken on excessive readings.
- Provide a 24-hour response to citizen complaints of excessive emissions.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$109,500	\$104,958	\$145,700	\$
Mileage	6,900	4,143	8,500	
Other services	200	12	1,200	
Indirect departmental costs	23,700	24,209	37,100	
Beach yard control room allocated	1,300	1,300	1,300	
Total Expenditure	<u>\$141,600</u>	<u>\$134,622</u>	<u>\$193,800</u>	<u>\$193,800</u>

AIR POLLUTION CONTROLWaste Management Act Administration ProgramPurpose

To administer and enforce the air pollution requirements of the Waste Management Act within District boundaries. The Province supports this program through an annual grant.

Activities or Level of Service

To date, over 400 permits have been issued to control about 3,000 individual emission sources. Permit compliance is regularly reviewed through site inspections and testing of selected sources. About 500 such tests are performed annually on nearly 150 individual sources. In addition, over 1,000 inspections of emission sources are conducted annually by the District's eight Pollution Control Officers.

The development of a computerized inventory of Regional emissions was completed in 1987 under this program. This work is part of the Regional ozone control strategy which is being developed in association with senior governments.

The following activities are carried out under this program:

- Review existing and proposed installations for possible Permitting of any related sources.
- Issue Permits and/or Approvals for emissions from new equipment and the modification or upgrading of existing equipment.
- Inspect installations to verify compliance with Permit and Approval requirements.
- Maintain an active testing program of Permitted sources.
- Act on excessive readings to expedite proper emission control.
- Provide a 24-hour response to citizen complaints of excessive emissions.
- Assist municipal staff in responding to specific inquiries regarding air pollution.
- Participate in public and municipal meetings to discuss air pollution programs.
- Participate in national and provincial programs to establish emission guidelines for selected source categories.

B12

Air Pollution Control

Waste Management Act

Administration Program

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$477,500	\$438,883	\$ 636,800	\$
Board vehicles	10,200	12,409	10,200	
Mileage	15,000	9,474	19,800	
Consultants	205,000	122,730	185,000	
Other services	3,200	3,716	6,200	
Materials and supplies	7,800	10,492	8,100	
Travel	4,000	7,484	5,700	
Legal	15,000	35,298	26,000	
Advertising	6,300	9,953	6,600	
Provision for Equip. Replace.	18,500	20,121	18,500	
Repairs & maintenance	900	1,885	900	
Beach yard control room allocated	2,300	2,300	2,400	
Indirect departmental costs	<u>111,600</u>	<u>116,935</u>	<u>170,400</u>	
Total Expenditure	<u>\$877,300</u>	<u>\$791,680</u>	<u>\$1,096,600</u>	<u>\$1,096,600</u>

AIR POLLUTION CONTROLAmbient Air Gaseous MonitoringPurpose

To maintain a regional monitoring network for the measurement and documentation of gaseous pollutants and selected meteorological parameters in the ambient air. Over sixty percent of the cost of this program is contributed by industry and other government sources.

Activities or Level of Service

This program supports the operation of the Lower Mainland air quality monitoring network of 23 automated monitoring stations deployed throughout the GVRD and eastward to Chilliwack. It is a cooperative program supported by industry and the Federal and Provincial governments.

Real time data is continuously telemetered to a head office computer for analysis, and the results are summarized in quarterly and annual reports. Results from some stations are also reported as part of the National Air Pollution Surveillance Network and the World Health Organization.

The following activities are performed:

- Maintain and calibrate all related sampling equipment
- Operate a computer and necessary programs for recording and analyzing all monitoring data.
- Prepare detailed analysis reports of all contaminant data and transmit the results to municipal authorities and the general public.
- Distribute data to the federal and provincial governments for their reporting purposes.
- Operate an air quality index system with daily recorded reports to the news media and the public.
- Assist municipal staff and health authorities in responding to specific inquiries regarding air pollution levels.
- Participate in national and provincial programs to establish objectives for selected contaminants.
- Provide data telemetry and computer services for the GVRD rainfall monitoring program.

Air Pollution Control

Ambient Air Gaseous Monitoring

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$402,700	\$382,663	\$ 496,300	\$
Board and rented vehicles				
& equipment	39,600	45,852	63,100	
Mileage	800	1,039	1,600	
Travel	1,900	2,159	2,700	
Consultants	26,500	23,176	32,600	
Other services	3,100	2,032	3,500	
Materials & supplies	65,500	71,628	68,900	
Telephones	29,000	31,718	32,300	
Insurance	600	361	600	
Purchased repairs & maint.	30,500	28,414	31,700	
Electricity	8,300	5,165	8,300	
Provision for Equipment				
replacement	71,000	74,945	76,000	
Computer costs	1,800		4,300	
Indirect departmental costs	105,200	104,948	141,800	
Office building rental				
allocated	40,700	40,531	40,700	
Amortization of deferred				
charges	2,500	3,687		
	<u>829,700</u>	<u>818,318</u>	<u>1,004,400</u>	<u>1,004,400</u>
Fiscal Services				
Debt charges	48,200	48,200		
Contribution to capital	67,800	67,800		
	<u>116,000</u>	<u>116,000</u>		
Total Expenditure	<u>\$945,700</u>	<u>\$934,318</u>	<u>\$1,004,400</u>	<u>\$1,004,400</u>

AIR POLLUTION CONTROLAmbient Air Particulate MonitoringPurpose

To maintain a regional monitoring network for the measurement of dustfall, suspended particulate (total, lead and other metals) and coefficient of haze in the ambient air.

Activities or Level of Service

This program originated with the provincial government and the City of Vancouver and was assumed, with modification, by the Regional District. A total of 67 particulate samplers are now operated at 41 monitoring stations located throughout the Regional District.

The test results are published quarterly and summarized each year in an annual report. Results from selected stations are also reported as part of the National Air Pollution Surveillance Network.

The following activities are performed:

- Collect and analyze samples from all stations.
- Maintain and calibrate all related sampling equipment.
- Prepare analysis reports of all monitoring data and transmit the results to municipal authorities and the general public.
- Distribute specific data to the federal government for their reporting purposes.
- Assist municipal and health authorities in selected projects to assess local air quality.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$ 78,600	\$ 84,124	\$ 84,100	\$
Board vehicles	10,400	10,741	10,200	
Materials & supplies	10,100	9,204	10,500	
Provision for equipment replacement	8,700	8,700	8,700	
Indirect departmental costs	33,500	34,793	34,700	
TOTAL EXPENDITURE	\$141,300	\$147,562	\$148,200	\$148,200

"C"

GREATER VANCOUVER REGIONAL DISTRICT
HOSPITAL PLANNING

Summary of Increase in 1989
Expenditures over 1988 Final Budget

1988 Final Budget		\$440,540
1989 Extraordinary Items		
Consulting costs - examine land banking, to assist in the development of the database and various other issues		10,000
Change in Base Budget		
Annualization of Planner II costs	\$ 20,557	
CASA - GVRHD Administration	10,700	
Miscellaneous/Other	<u>(1,928)</u>	
		29,329
Inflation		<u>13,909</u>
1989 Final Budget		<u>\$493,778</u>

HOSPITAL PLANNING

Long-term and Ongoing Role

The long-term role of the Hospital Planning Department is outlined in Section 20 of the Hospital District Act and Letters Patent dated June 29, 1967. In summary, the Department's long range role is to promote planning to establish the most appropriate health care facilities in locations required by the residents of the Greater Vancouver Regional District.

This role is implemented by developing long-range planning objectives with the Ministry of Health, allocating resources to hospital planning and construction projects, and promoting the appropriate delivery of health care consistent with the changes and improvements in the health care delivery system.

1989 Short-Term Objectives

1. Continue program to provide additional extended care facilities.
2. Establish a more equitable formula for sharing capital financing for Provincial referral institutions.
3. Continue the development and refinement of the Health Planning Database.

New for 1989

4. Evaluate the GVRHD role and Health Care Planning function.
5. Examine equipment funding issues affecting hospitals.

Review of Prior Year's Objectives

1. Continue to provide Extended Care Facilities

This is a long-range plan, as outlined in the GVRHD Geriatric Care Planning Model. As a result of the growing aged population, we are continuing to recommend the allocation of beds to various locations to meet the needs of the residents of the GVRD.

Planning has commenced for the 225-bed ECU in South Vancouver and we are anticipating additional planning funds for ECU beds in Burnaby, Richmond and Surrey.

2. Continue to work toward developing a Long-Range Health Care and Geriatric Care Plan

The First Phase of this plan is complete with the development of the Regional Geriatric Care Planning Model. This report forms the basis for the provision of extended care beds in this Region.

The development of a Long-Range Health Plan will require additional resources. We are working with the Ministry to share their database on hospital utilization as the First Phase of the development of the GVRHD developing a planning agency.

HOSPITAL PLANNINGReview of Prior Year's Objectives (continued)

3. Establish a more equitable formula for sharing Capital Financing for Provincial Referral Institutions

A case was presented to the Ministry which showed that financing of hospitals originally under their jurisdiction, should be continued. The GVRHD has also not agreed to accept financing of equipment for Provincial Institutions. Discussions are continuing.

4. Develop a dedicated Health Care Planning function

A program for the development of a GVRHD Health Planning database has begun. Consultants and students were hired to specify the hardware, software and data needs for this system.

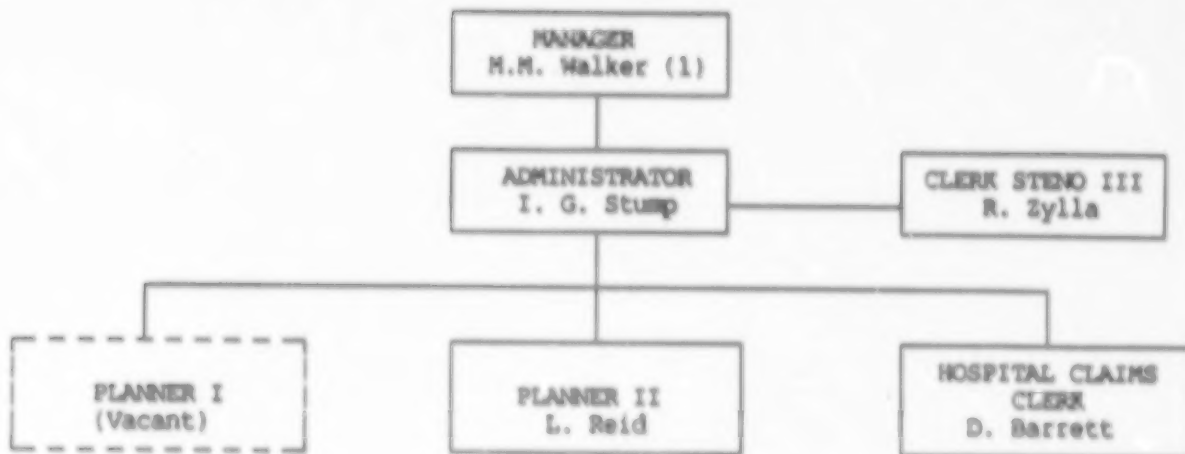
This represents the first step in the development of a planning function. Development continues, as well as an evaluation of the GVRHD planning function. This is the function of another objective.

5. Examine the Centralization of Parking Card Data for GVRHD Parking Lots

The feasibility of transferring parking card data, utilization statistics, and cash monitoring capability to a central computer has been examined. The first phase of the process of centralizing this data will be in cash control, subject to the availability of the central processor which is a function of the GVRHD Database.

C3

HOSPITAL PLANNING DEPARTMENT
Departmental Organisation Chart



	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	5.25	5.25
1989 changes budgeted		
December 31, 1989	<u>5.25</u>	

(1) Charged to Hospital Planning (25%) and Housing Corporation (65%) and Properties (10%).

GREATER VANCOUVER REGIONAL DISTRICT

Hospital Planning
 Revenue and Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>	<u>% Change over 1988 Final Budget</u>
<u>Revenue</u>					
Members' tax requisitions	\$431,210	\$431,210	\$438,943	\$442,107	+ 2.5%
Surplus from previous year	<u>9,330</u>	<u>9,329</u>	<u>44,835</u>	<u>51,671</u>	
	<u>\$440,540</u>	<u>\$440,539</u>	<u>\$483,778</u>	<u>\$493,778</u>	+12.1%
<u>Expenditure</u>					
Planning & administration	<u>\$440,540</u>	<u>\$388,868</u>	<u>\$483,778</u>	<u>\$493,778</u>	+12.1%
Surplus carried to following year		<u>\$ 51,671</u>			

GREATER VANCOUVER REGIONAL DISTRICT

Hospital Planning
1989 Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Hospital District admini- stration allocated	\$ 64,600	\$ 64,600	\$ 75,300	\$ 75,300
Salaries & employee benefits	256,380	205,680	288,295	288,295
Board vehicle	1,500	1,063	1,500	1,500
Mileage	4,680	2,853	4,389	4,389
Travel	4,992	3,120	4,846	4,846
Other services	5,138	6,693	4,916	4,916
Consultants	15,000	34,659	17,000	27,000
Office expenses				
Rent	36,200	20,150	31,400	31,400
Postage	1,716	1,876	1,872	1,872
Telephone	4,740	3,669	4,860	4,860
Supplies	2,600	3,590	4,110	4,110
Printing & duplicating	2,288	2,329	1,514	1,514
Equipment replacement & maintenance	8,653	4,742	8,133	8,133
Indirect department costs allocated	12,089	13,081	13,793	13,793
Central administrative services allocated	12,116	11,800	12,100	12,100
Computer operating costs allocated	2,514	2,843	4,100	4,100
General administrative services allocated	<u>5,434</u>	<u>6,200</u>	<u>5,750</u>	<u>5,750</u>
	440,640	388,948	483,878	493,878
Recoveries	<u>(100)</u>	<u>(80)</u>	<u>(100)</u>	<u>(100)</u>
Total Expenditure	<u>\$440,540</u>	<u>\$388,868</u>	<u>\$483,778</u>	<u>\$493,778</u>

"D"

GREATER VANCOUVER REGIONAL DISTRICT

LABOUR RELATIONS

Summary of Increase in 1989
Expenditures over 1988 Final Budget

1988 Final Budget		\$1,598,930
Less: 1988 Extraordinary Items		
Consultants - benefit plans		<u>(20,000)</u>
1989 Base Budget		1,578,930
1989 Extraordinary Items		
Legal Fees - WCB Review Board appeals re		
Firefighter Cancer claims		65,000
Change in Level of Service		
Temporary clerical help	\$ 9,500	
Addition of a Compensation Analyst	43,800	
Additional Compensation Analyst for the		
City of Vancouver	<u>48,400</u>	101,700
Change in Base Budget		
Consultants	(20,000)	
Advertising	(27,000)	
Merits & Other/Miscellaneous	<u>8,200</u>	(38,800)
Inflation		<u>61,809</u>
1989 Final Budget		<u>\$1,768,639</u>

LABOUR RELATIONS

Long-Term and Ongoing Role

The Labour Relations Department of the GVRD has been established to provide professional labour relations services for District municipalities, related Associations, Boards and Commissions and the District itself.

The Department has three primary purposes:

- to conduct collective bargaining on behalf of constituent employers within the policy guidelines established by the Labour Relations Bureau and to provide advice and guidance regarding the administration of collective agreements and any other labour relations matters on request.
- to administer classification and pay plans covering bargaining unit positions within constituent employer organizations; to ensure the viability of the job evaluation system and, on request, to implement and maintain job evaluation/salary administration programs for exempt employees.
- to provide research and analysis on all aspects of labour relations practices and trends in support of the collective bargaining and compensation functions and in response to specific needs of constituent employers.

OBJECTIVE

To provide timely, effective labour relations, job evaluation and compensation analysis services, including research and analysis support, in order to assist the constituent employers in maintaining employee relations which will enhance the cost-effective delivery of services to the public.

LABOUR RELATIONS1989 Short Term Objectives

The major short term objectives of the Collective Bargaining Division will include:

- negotiation of collective agreements which expire 1988 December 31;
- production of revised collective agreements;
- preparation and conduct of training programs/information seminars for staff of member jurisdictions.

The Research and Analysis Division will be engaged in:

- continuing refinement of the Labour Relations Information Report system;
- co-ordinating and improving the Department's regular communication vehicle. Management Update;
- providing research support for collective agreement negotiations.

The objectives of the Compensation Services Division will include:

- development and implementation of procedures to evaluate the services provided to constituent employers and improve turnaround time for completion of assignments;
- preparation and conduct of further training programs/information seminars;
- work with representatives of member jurisdictions and collective bargaining staff to evaluate and recommend changes and improvements in the Regional classification plan.

LABOUR RELATIONSReview of Prior Year's Objectives

During the year, the Collective Bargaining Division staff completed major negotiations with Firefighters, CUPE/VMREU and Police Unions. Firefighter agreements were negotiated for a one-year term, while all others covered three years, to December 31, 1990. Negotiations were continuing with CUPE/VMREU locals which were not involved in joint Regional bargaining. Preparations were also underway for negotiations of renewal agreements with all Firefighter locals.

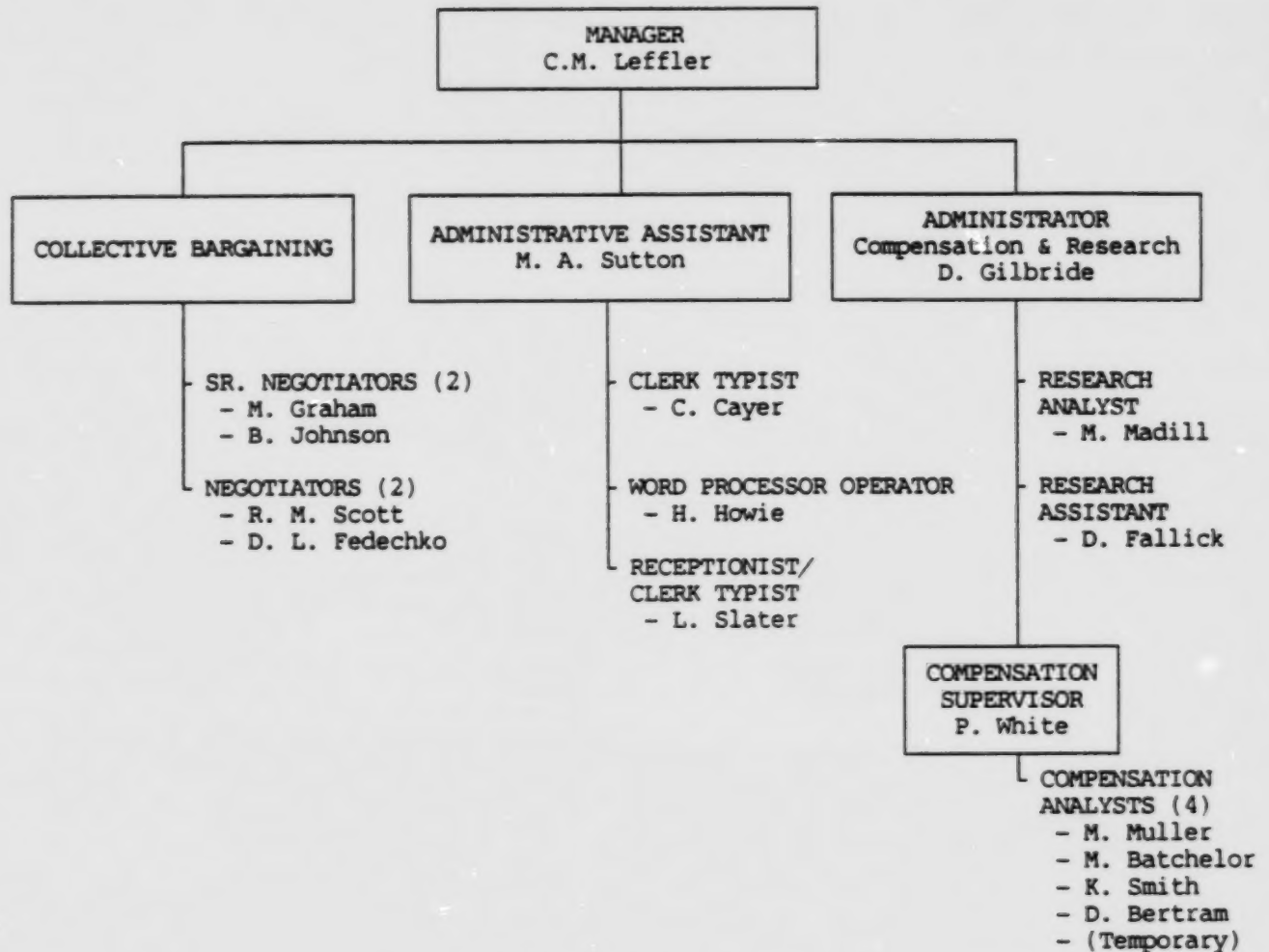
The Research and Analysis Division continued to refine the Labour Relations Information Report and provided comprehensive feedback to participating jurisdictions concerning all major occupational groups. The Division also provided support to collective bargaining; reported to the Industrial Relations Council on all negotiated settlements; co-ordinated publication of the Management Update; produced the annual Trades and Labour Survey; and provided extensive technical support regarding benefit plans issues and exempt employees' compensation.

LABOUR RELATIONSReview of Prior Year's Objectives (cont'd.)

The Compensation Services Division continued to process a high volume of classification reviews. During 1988 (first three quarters) there were 344 requests for reviews. The 1988 projected total of 450 requests is a 36% increase over the 1987 total of 330. The Division also conducted a number of information seminars for staff of member jurisdictions on matters related to the operation of the Regional job classification system.

The Department also conducted a 14 day seminar for members of the Labour Relations Administrative Committee and Municipal Personnel Directors' Committee. Also participating, by invitation, were representatives of the GVLRA, City of Kelowna and City of Prince George.

LABOUR RELATIONS DEPARTMENT
Departmental Organization Chart



(PERSONNEL SERVICES SHOWN SEPARATELY)

	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	17	17
1989 changes budgeted (Temporary)	<u>1</u>	<u>-----</u>
December 31, 1989	<u>18</u>	

GREATER VANCOUVER REGIONAL DISTRICT

Labour Relations
Revenue & Expenditure Budget
Year Ending December 31, 1989

	<u>Sch</u>	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>	<u>% Change over 1988 Final Budget</u>
<u>Revenue</u>						
Members' tax requisitions		\$1,517,531	\$1,517,531	\$1,684,298	\$1,627,604	+ 7.3
GVRD contributions		18,300	18,300	18,300	18,300	
Surplus from previous year		<u>63,099</u>	<u>63,098</u>	<u>63,141</u>	<u>122,735</u>	+94.5
Total Revenue		<u>\$1,598,930</u>	<u>\$1,598,929</u>	<u>\$1,765,739</u>	<u>\$1,768,639</u>	+10.6
<u>Expenditure</u>						
Collective Bargaining	D8	\$ 329,768	\$ 327,022	\$ 328,500	\$ 328,500	- 0.4
Research & Analysis	D9	120,287	102,651	111,800	114,700	- 4.6
Compensation Services	D10	583,595	561,695	732,364	732,364	+25.5
Administration	D11	277,765	214,429	290,445	290,445	+ 4.6
Indirect Departmental Costs	D12	<u>287,515</u>	<u>270,397</u>	<u>302,630</u>	<u>302,630</u>	+ 5.3
Total Expenditure		<u>\$1,598,930</u>	<u>\$1,476,194</u>	<u>\$1,765,739</u>	<u>\$1,768,639</u>	+10.6
Surplus carried to following year			<u>\$ 122,735</u>			

GREATER VANCOUVER REGIONAL DISTRICT

Labour Relations
1989 Budget
By Object of Expenditure

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits	\$ 810,178	\$ 798,337	\$ 920,000	\$ 922,900
Board & rented vehicles	4,300	4,169	4,300	4,300
Mileage	18,928	17,250	19,300	19,300
Accommodation	3,000	8,461	2,000	2,000
Advertising	30,000	1,790	3,000	3,000
Publications	4,160	6,280	6,240	6,240
Membership, conference & tuition fees	25,000	18,549	24,000	24,000
Consultants	65,000	25,380	25,000	25,000
Legal	35,000	37,692	100,000	100,000
Job evaluation services				
City of Vancouver	292,829	284,324	352,223	352,223
Travel	9,500	2,468	5,000	5,000
Central administrative services allocated	40,953	39,500	44,600	44,600
General administrative services allocated	4,500	6,200	5,750	5,750
Office expenses				
Materials & supplies	14,000	11,710	10,400	10,400
Computer services allocated	24,460	20,315	30,800	30,800
Office rent	151,722	151,307	151,722	151,722
Postage	5,200	1,964	3,640	3,640
Telephone	14,960	14,978	15,558	15,558
Equipment replacement and maintenance	26,260	13,918	29,600	29,600
Printing & duplicating	10,000	7,531	8,320	8,320
Other services	12,480	12,059	8,286	8,286
	<u>1,602,430</u>	<u>1,484,182</u>	<u>1,769,739</u>	<u>1,772,639</u>
Recoveries	<u>(3,500)</u>	<u>(7,988)</u>	<u>(4,000)</u>	<u>(4,000)</u>
Total Expenditure	<u>\$1,598,930</u>	<u>\$1,476,194</u>	<u>\$1,765,739</u>	<u>\$1,768,639</u>

LABOUR RELATIONSCollective Bargaining ProgramPurpose

To conduct collective bargaining on behalf of constituent employers and provide labour relations advice and counsel in the most professional, timely and economical manner.

Activities or Level of Service

There are more than 60 collective agreements to be negotiated at frequent intervals. Because several of them have been negotiated in a joint manner recently, these agreements normally cover more than 40 separate sets of negotiations. Activities of the Division include:

1. The actual conduct of the negotiations.
2. Preparation of memoranda.
3. Preparation of detailed research materials supplementary to those prepared by the Department's Research and Analysis Division.
4. Preparation of employer proposals and rationale.
5. Liaison with municipal officials which is provided by means of regular written reports, and which is supplemented as often as possible by briefing sessions.
6. Drafting of agreements which is carried on in conjunction with municipal officials.
7. Preparation of Occupational Group Collective Bargaining frameworks.
8. Special research, e.g. Equal Pay/Contracting Out.
9. Preparation of employer submissions for interest arbitration proceedings.
10. Preparation for, and participation in employer submissions for grievance arbitration and Industrial Relations Council proceedings.
11. Analysis of member jurisdictions' arbitration awards and provision of advice to members regarding modification of practices and procedures.
12. Analysis of current management systems such as sick leave and absenteeism, occupational health and safety, and provision of advice and recommendations to individual members upon their request.
13. Monitoring the new agreements which will be carried out in conjunction with municipal officials.
14. The staffing of joint employer union committees.

LABOUR RELATIONSCollective Bargaining Program (cont'd)Alternatives

None applicable.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$307,712	\$299,333	\$313,800	\$
Mileage	8,736	8,246	7,200	
Travel	2,000	2,304	1,500	
Other services	8,320	8,678	4,000	
Negotiations & other accommodation	3,000	8,461	2,000	
Total Expenditure	<u>\$329,768</u>	<u>\$327,022</u>	<u>\$328,500</u>	<u>\$328,500</u>

LABOUR RELATIONSResearch & Analysis ProgramPurpose

To conduct research and analysis to provide the operating groups of the Department and constituent employers with updated information on trends in compensation and labour relations and other employee relations areas of interest and concern. The Division also analyzes issues and trends to provide the basis for recommended policy decisions either within the Department or within constituent employers.

Activities or Level of Service

1. Collection and analysis of cost data, benefit usage patterns and other pertinent data, from member municipalities for collective bargaining purposes.
2. Gathering of external cost data and wage and benefit levels in order to permit comparative analysis between the members and the rest of the community.
3. Review of pertinent literature in order to permit identification of current and anticipated problem issues and subsequent analysis in order to provide a basis for policy determination by the Bureau Directors.
4. Liaison with the Business Council in order to keep abreast of current developments and trends affecting other major employers.
5. Liaison with other public employers within B.C. and with officials of other major Canadian cities which may influence the members by their actions, in order to contribute to the development of external compensation data.

Alternatives

None applicable.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$117,227	\$100,999	\$108,800	\$111,700
Mileage	1,040	1,604	1,000	1,000
Travel	1,500		1,500	1,500
Other services	520	48	500	500
Total Expenditure	\$120,287	\$102,651	\$111,800	\$114,700

LABOUR RELATIONSCompensation Services ProgramPurpose

To administer the Regional classification plan equitably by allocating positions to and determining pay values for bargaining unit classes within participating organizations. The Division processes requests for reclassification, re-valuation and for the classification of new positions taking into consideration internal and external equity within Occupational Groups. The Division also analyzes other job evaluation systems and implements and maintains, as requested, job evaluation and salary administration programs for exempt employees.

Activities or Level of Service

1. Upon referral from individual personnel directors, department staff interview employees, supervisors and department heads, analyze the results and prepare recommendations as to classification and pay which take into account internal equity within the particular municipality and external harmony in consideration of the principle that an equal level of work within an occupational grouping should command an equal pay level throughout the region.
2. Represent the municipalities in negotiations and arbitrations with unions with respect to disputed employer decisions.
3. Upon the request of individual municipalities, develop, install and administer Executive and Exempt staff plans and performance appraisal systems including developing and recommending Executive and Exempt salary policy.
4. Undertake special projects related to alternate job evaluation systems.

Alternatives

None applicable.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$246,406	\$256,688	\$358,800	
Mileage	8,840	7,400	10,800	
Consultants	35,000	14,197	10,000	
Other services	520	442	541	
Job Evaluation Services				
City of Vancouver	<u>292,829</u>	<u>284,324</u>	<u>352,223</u>	
	583,595	563,051	732,364	732,364
Recoveries		(1,356)		
Total Expenditure	<u>\$583,595</u>	<u>\$561,695</u>	<u>\$732,364</u>	<u>\$732,364</u>

LABOUR RELATIONSAdministration ProgramPurpose

To plan and control the three Programs, i.e. Collective Bargaining, Compensation Services and Research & Analysis, and to provide basic administrative support services to the entire Department.

Activities or Level of Service

1. Establishment of goals and objectives, independently and through consultation with the Regional Manager, LRAC and LRB.
2. The identification of Department priorities.
3. The planning and control of departmental activities.
4. The implementation of organization and management systems to facilitate work flow.
5. The preparation of budgets and the accounting of expenditures.
6. The co-ordination of review and control procedures to compare results to plan.
7. Liaison with member municipalities.
8. Liaison with government, union and business officials.
9. The initiation, review and implementation of human resource development programs for Department staff.

Alternatives

None applicable.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$138,833	\$141,317	\$138,600	\$
Board & rented vehicles	4,300	4,169	4,300	
Mileage	312		300	
Travel	6,000	164	2,000	
Membership fees	25,000	18,549	24,000	
Advertising	30,000	1,790	3,000	
Legal	35,000	37,692	100,000	
Consultants	30,000	11,183	15,000	
Postage	5,200	402		
Other services	3,120	2,891	3,245	
	277,765	218,157	290,445	290,445
Recoveries		(3,728)		
Total Expenditure	<u>\$277,765</u>	<u>\$214,429</u>	<u>\$290,445</u>	<u>\$290,445</u>

GREATER VANCOUVER REGIONAL DISTRICT

Labour Relations
 1989 Budget
Indirect Departmental Costs

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Rent	\$151,722	\$151,307	\$151,722	\$
Postage		1,562	3,640	
Telephone	14,960	14,978	15,558	
Publications	4,160	6,280	6,240	
Materials & supplies	14,000	11,710	10,400	
Equipment replacement and maintenance	26,260	13,918	29,600	
Duplicating	10,000	7,531	8,320	
Computer services allocated	24,460	20,315	30,800	
Central Administrative Services allocated	40,953	39,500	44,600	
General Administrative Services allocated	4,500	6,200	5,750	
	291,015	273,301	306,630	306,630
Recoveries	(3,500)	(2,904)	(4,000)	(4,000)
Total Expenditure	<u>\$287,515</u>	<u>\$270,397</u>	<u>\$302,630</u>	<u>\$302,630</u>

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GREATER VANCOUVER REGIONAL DISTRICT

PARKS

SUMMARY OF INCREASES OF 1989
EXPENDITURES OVER 1988 FINAL BUDGET

1988 Final Budget \$5,531,823

Operating Costs

Change in Level of Service

Additional salaries and related costs required to maintain and secure parks	\$ 181,600	
Operations Management		
- Construction Supervisor - balance of costs to capital projects	9,000	
- Tent Repairs & Maintenance - due to loaning of tents	5,000	
- Part-time secretary to assist booking clerk	15,200	
Utilities & contract services - Crippen Park	8,000	
Administration - Secretary	28,200	
Visitor Services Assistant	14,400	
Part-time Secretary to full-time	12,400	
Senior Park Interpretation - Burnaby Lake	8,100	
		\$ 281,900

New Programs

Provision for New Sites/Facilities		
- Crippen Park	24,000	
- Boundary Bay/Iona	50,000	
Annual Maintenance	200,000	
Point Grey		
- Operations	65,000	
- Recreation Services	44,000	
		383,000

Change in Base Budget

Camp Capilano	(15,600)	
CASA	24,100	
Computer costs allocated	3,690	
Corporate Services allocation - Property Services	45,300	
Miscellaneous	23,700	
		81,190

Inflation 128,548
874,638

Debt Charges

New Debt	130,000	
Decrease in contribution to capital fund	(561,466)	
Increase in interest expense	67,837	
		(363,629)

1989 Final Budget \$6,042,832



REGIONAL PARKS1989 SHORT-TERM OBJECTIVESPLANNING AND DEVELOPMENTPurpose Statement

To carry out planning, policy development and design, to coordinate development, acquisition, management and public involvement for the Regional Park system and its individual parks in keeping with GVRD's mandate to provide for long-term outdoor recreation needs of Lower Mainland residents while preserving key natural and historic features.

KEY RESULTS AREAS, (KRA), GOALS AND OBJECTIVESKRA: Systems Planning, evaluation of new parks proposals and land acquisition coordination

Goal: To plan and set priorities within a systems context for development and management of parks and for acquisition of lands within existing and new site proposals.

Objectives:System Planning:

1. Complete Year 2000 Park Development and Operating Plan with revised park development and financing approaches and targets.
2. Within the context of the Year 2000 Plan and the Fraser River Estuary Program bring forward recommendations on Regional District actions in Fraser River parks, Sumas Mountain and other park proposals.
3. Fraser River Estuary Management Program - Complete the recreation activity program chairmanship and coordinate action to adopt an implementation program and to initiate pilot projects.
4. Extend effectiveness of visitor counts and estimates including an extensive program of visitor surveys and marketing analysis.

Land Acquisition Coordination:

1. Complete transfers of Crown land at Belcarra including submission of proposals for trail corridors on Buntzen Ridge.
2. Continue efforts to secure Crown land grants and decisions at Point Grey and Lynn Headwaters.
3. Kanaka Creek: continue liaison with Maple Ridge on property negotiations, and municipal planning for roads and residential use of adjoining lands.
4. Pursue disposal of selected surplus parcels at Crippen Regional Park.
5. Secure minor Crown properties at Minnekhada for utilities, access parking etc; identify policy on long term status of Minnekhada Farm.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, Continued

6. Effect liaison with the Port of Vancouver recreation study to ensure that Belcarra water recreation potential, marine access and undersea park objectives are incorporated.
7. Complete Crown land grants or leases at Capilano River, Crippen, Boundary Bay and Iona Island foreshores.
8. Continue private land acquisitions at Kanaka, Iona, Burnaby Lake, Derby Reach and Boundary Bay.

KRA: Planning Studies, Biophysical Inventories and Master Planning

Goal: To produce park master plans and management strategies based on a sound understanding of parks biophysical resources and recreation potential, taking into account the needs of special groups within the population and maintaining an harmonious fit with adjacent communities.

Objectives:Master Plans and Biophysical Studies

1. Complete Campbell Valley Regional Park Management Plan.
2. In association with other departments and Senior Government agencies finalize plan for Iona Beach Regional Park for 1989/90 first stage implementation.
3. With GVWD staff extend Demonstration Forest development and operating plans.
4. Initiate contacts and public input on Point Grey master plan if park established by Province.
5. Pursue biophysical studies for Burnaby lake, particularly on water quality, fish and wildlife and impacts of dredging (if grant support obtained).
6. Complete detailed biophysical assessment of Aldergrove Lake gravel extraction site to finalize extraction and restoration plans; direct and monitor extraction activities.
7. Participate in Fort Langley Enhancement Society to effect links to Derby Reach.
8. Develop monitoring program for bank erosion at Derby Reach with other agency participation.
9. Prepare broadly based "Function and Opportunity Plan" for Tynehead Regional Park to respond to private sector development proposals, decision on Tynehead Zoo, and other opportunities.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedPlanning Studies

1. Tynehead: provide direction and analysis for Tynehead Zoological Park and/or York Hanover Theme Park concepts, terms and staging.
2. Seek agency commitments to develop terms of reference for program to complete a marine park plan for Belcarra foreshore and water zones.
3. Bowen Island: respond to joint Snug Cove Village planning program proposals in order to finalize park boundaries, define and designate surplus property and to establish long term development priorities and links to other open space.
4. Prepare trail concept through rented farm properties, Aldergrove Lake Regional Park.
5. Complete feasibility study and determine appropriate action program for possible reconstruction of Expo "Ship of Dreams" at Deas Island.

KRA: Site and Facilities Design and Development

Goal: Consistent with park master plans, to design attractive, practical and safe access and facilities to guide implementation of site plans and development whether by staff, contractors or community organizations.

Objectives:Design tasks - associated with capital development program and other projects

1. Complete design work for first stage fire protection, visitor, sanitation, and other improvements for Point Grey Regional Park and implement in summer 1988.
2. Complete first phase plans and design for Snug Cove picnic area facilities, associated trails and other improvements.
3. Prepare site plan and priorities for land acquisition and development of west side access to Capilano River.
4. In Seymour Demonstration Forest complete designs for small scale improvements of the Rice Lake shoreline and picnic facilities at Seymour Falls Dam.
5. Complete site plan and Falls Core in Kanaka Creek.
6. Complete design for original Fort Langley historic site cairn and display at Derby Reach Regional Park.
7. Complete site plan and implement Boundary Bay access and beach facilities project.
8. Complete Glencairn Avenue picnic area site plan (Burnaby Lake) for implementation when funds available.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, Continued

9. Complete design and engineering for Woodcroft trail construction, Capilano River.
10. For Lynn Headwaters complete off street parking, cycle route and trail links connecting the entrance area and Seymour Demonstration Forest, Rice Lake Site.
11. Complete designs for wheelchair access to trails and viewing areas in Campbell Valley.
12. Update site plan and complete working drawings for improvements to 8th Avenue area of Campbell Valley.
13. Design disabled facilities for access to White Pine Beach and swimming.
14. Complete designs for new group camp sites, initial facilities at McLean Pond, new service yard and parking/entrance at Equestrian Centre in Campbell Valley.
15. Complete engineering assessment of Belcarra Wharf and for stability and rehabilitation of Capilano River hatchery access road.
16. Prepare plan for expanded parking at Minnekhada.
17. Prepare Phase One development designs and working drawings for Iona Beach, including marsh enhancement, beach, outfall, promenade etc.
18. Design Rice Lake improvements for special needs access for fishing and picnic/interpretation shelter.
19. Design water control works to maintain Camosun Bay.
20. Complete detailed Phase One designs for Boundary Bay.
21. Complete site plans for Glenmore and Page Road access points to Matsqui Trail.
22. Complete surveys and design for bridges and trails for cyclists between Lynn Headwaters and Seymour.

Community Sponsored and Private Sector Projects

1. Continue to liaise with a number of other interested groups who wish to develop special use facilities complementary to several Regional Parks.
2. Work with B.C. Corrections programs for continued trail and bridge work at Kanaka and define construction standards for such work.
3. Seek Habitat Conservation Fund assistance for rehabilitation and/or conservation of wetlands, ponds, and other wildlife habitat improvements at Deas Island, Campbell Valley, Iona Beach and other sites.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, Continued

4. Complete plans and agreement for LIFT Native Indian Cultural Centre project at Deas Island.
5. Provide direction and liaison for projects at Tynehead including possible Expo Theatre relocation and B.C. Art/Landscape Zone projects.
6. Encourage and direct Environment and Youth Program projects at Burnaby Lake, Deas Island, Seymour, and other sites where possible.
7. Seek trail projects under community sponsorship at most sites - emphasizing Belcarra, Matsqui Trail, Burnaby Lake, Lynn Headwaters and Kanaka Creek.
8. Determine a joint project or discontinue action on field facilities for retrieving and pointing dog clubs.
9. Complete equestrian trail improvements with equestrian groups at Kanaka Creek, Derby Reach and Campbell Valley.
10. Confirm a clearer program with the Scouting organizations for tree planting and nursery sites in regional parks.
11. Seek Heritage Trust and community sponsorship to restore causeway at Crippen.
12. Complete liaison and planning for golf course proposal at Crippen unless project is dropped in favour of alternative facilities or park/environmental considerations.
13. Confirm non-profit group support for major trail and viewpoint improvements at Capilano and Belcarra (Sasamat Lake).
14. Support Heritage Trust sponsored projects for historical research and programming at Campbell Valley, Aldergrove Lake and Derby Reach.

KRA: Resource Management and Conservation

Goal: To preserve manage and/or enhance key natural areas and features of historical significance within the parks system.

Objectives:

1. Derby Reach - if possible allocate funds to engineering assessment of major erosion to upstream river front property.
2. Undertake forest management evaluations for Regional Parks, with emphasis on Capilano, Belcarra and Minnekhada.
3. Campbell Valley and Aldergrove Lake - pursue appropriate pilot projects on mowing and other treatments to protect meadows from encroaching shrub and tree growth.
4. Secure verbal and graphic historical records for the Loucks and Millwood Farms in Aldergrove Lake park, from family members and acquaintances.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedKRA: Public Information and Policy Development

Goal: To keep the public informed about our activities and how to use parks reasonably and safely; to seek public input on questions of policy, respond to public requests for special uses of Regional Parks and actively promote awareness and use of the parks system.

Objectives:

1. Complete recreation and naturalist group comment and information for Campbell Valley Management Plan.
2. Seek broad equestrian community support for "Guidelines for Equestrian Trails" report and standards.
3. Encourage broad municipal, private sector, public and tourism agency input for Tynehead Functional Plan
4. Establish community support for good management and responsible public use in Point Grey and Boundary Bay sites.
5. Respond to public inquiries and requests for non-profit group use of park land and facilities.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedRECREATION SERVICESPurpose

To provide a creative, broad spectrum of events, participatory public programs and other park interpretation and educational services that enrich public appreciation and respect for Regional Park resources, and capture public and media attention; to encourage and provide opportunities for public volunteerism and corporate and government support; to increase the Park system's profile by promoting its programs, its natural and cultural features and utilization of its facilities and to ensure systematic distribution of visitor services in the region through thoughtful planning.

KRA: Special Events

Goal: To introduce new users to Regional Parks through an imaginative, Special and Recreation Events annual program which is designed to complement available parks resources, provide entertaining leisure pursuits for all ages and to attract community, corporate and government participation.

Objectives:

1. Continue significant Special Events through the year to introduce visitors to as many parks and their potential as possible.
2. To highlight the potential of Point Grey Regional Park with an event that has broad group participation.
3. Fine tune and expand on the base of the first Fraser River Festival by greater involvement of river and shoreline users and agencies as participants and co-sponsors to draw attention to the positive recreation, habitat and other functions of the River.
4. Continue development of the concept and activities of Celebration of Nature at Campbell Valley Regional Park so that this event epitomizes the natural diversity and possibilities of the Regional Park system.
5. To develop and maintain municipal, community and private sector involvement and support in each special event.
6. To assist non-profit organizations and municipalities where possible with their special events in regional parks eg. Capilano River Rubber Duck Race (North Shore Rotary Club).
7. Expand the program of "Recreation Events" first tested successfully in 1988, at several parks and Seymour Demonstration Forest.
8. To provide information on other GVRD activities to ensure that visitors are knowledgeable about the resources, services and facilities GVRD provides.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedKRA: Interpretative Program

Goal: To provide interesting and challenging interpretive programs, displays and self-guiding brochures to develop the public's awareness and respect for the Park's diverse and special natural and cultural features, and to act as a resource for the parks department and community.

Objectives:

1. To provide changing array of cultural history and nature programs for all ages with significant emphasis on Burnaby Lake, Deas Island and Campbell Valley Regional Parks and a lesser emphasis at Kanaka Creek, Minnehada, Boundary Bay, Tynehead, Derby Reach, Belcarra, Aldergrove Lake and Crippen Regional Parks, and the Seymour Demonstration Forest.
2. Open the Burnaby Lake Nature House open seven days a week from mid-May to August and the Inverholme Schoolhouse and Campbell Valley Visitor's Centre on weekends from June to September.
3. Provide orientation workshops for teachers and environmental education programs for Camp Capilano and appropriate information about the Camp to the community.
4. Provide strong cultural history and nature interpretation components at eight Special Events.
5. Design and install basic displays at the Campbell Valley visitor centre.
6. Plan and supplement Demonstration Forest interpretative programs; complete a comprehensive "Education Plan" as part of the Seymour Demonstration Forest team.
7. Systematically collect visitor data about use patterns, program interests and evaluations.
8. To provide interpretive trails at Capilano and Burnaby Lake Regional Parks, and the Seymour Demonstration Forest.
9. Assist municipalities and non-profit groups to utilize park natural areas through in-service training and program experience.
10. Provide interpretative program planning and natural resource input to park master planning.

KRA: Volunteer and Donors Program

Goal: To invite and support volunteer and donor participation in Regional Parks activities.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedObjectives:

1. Provide volunteers and donors for GVRD programs and projects.
2. Train and identify volunteers working in the Regional Parks team.
3. Conduct activities which recognize volunteers and donors for contributions to Regional Parks.
4. Design and carry out activities to foster corporate sponsorships and donor programs for special events and related activities.

KRA: Visitor Services

Goal: To provide primary information for Regional Parks in marketing and promoting facilities and programs and to provide public information about the Regional Parks system.

Objectives:

1. Reprint Park brochures and generate new ones for those which are out of date and for parks needing them.
2. Revise and reprint Regional Parks's general park brochure.
3. Complete and distribute 1989 Regional Park Passport which will encourage the public to visit regional parks and discover their significant features.
4. Participate in proposed surveys and marketing studies for Regional Parks.
5. Coordinate production of a new GVRD Parks display which will be used at special events and at libraries, conferences and shopping malls.
6. Prepare the 1989 program brochure which will consist of visitor centre information, dates and details about special events, recreation events, children's nature programs, interpretive events and the volunteer program.
7. Distribute effectively park brochures, programs, Park Passport and other printed information.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedPARK AND RENTAL OPERATIONSPurpose

To manage the construction, operation and maintenance of a system of Regional Parks so as to provide a safe, secure, accessible and convenient environment for the recreation-seeking public of the Region; to conserve, protect and enhance the natural aspects of regional parks and of landbanked property and buildings; to produce increasing revenue from rentals, concessions and appropriate user fees and charges.

KRA: Recreation Facility Development, Maintenance and Operation

Goal: To develop park facilities in accordance with approved plans and to maintain and operate regional parks facilities to the standard required.

Objectives:

1. Increase staffing as required for provisional 1989 operations at Boundary Bay, Point Grey and Iona Island, dependent upon Board decisions on Year 2000 Plan; add staff resources at Deas Island and Campbell Valley due to increased facilities and visitation; improve seasonal staffing where required to respond to peak loads and stronger off-season use.
2. Provide improved construction supervision for park construction projects.
3. Maintain facility inventories and develop system for more effective time management and maintenance budgeting.

KRA: Public Use Monitoring and Security

Goal: To monitor public use and to assist users where necessary so that the parks are viewed as a safe and secure place in which to recreate and so that facilities are protected.

Objectives:

1. To continue seasonal staffing at Tynehead Park for safety and security purposes.
2. To improve traffic and trail counts for accuracy in measuring visitation and flow.
3. To provide contract security funding and seasonal security patrol where necessary in order to reduce misuse and rowdyism.
4. To monitor brant hunting at Boundary Bay to minimize use conflicts and risks.
5. To consult with equestrian and hiking organizations and implement projects and policies to ensure good trail maintenance and safety.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedKRA: Revenue Generation

Goal: To provide a secure and growing revenue from concessions and from user fees and other charges to mitigate costs of operating regional parks so that visitors and organizations share the benefits and costs of park services.

Objectives:

1. Review existing and potential user fees and charges for provision of special services and facilities for which out of pocket expenses and/or basic costs should be recovered.
2. Assess concessions to ensure rents represent a fair proportion of gross income and represent a proper recovery of GVRD costs; arrange concession operations if practical at Aldergrove Lake, Capilano and other sites.
3. In lieu of practical fee imposition secure user group support or direct provision of services by them.

KRA: Operations Management

Goal: To manage effectively the physical and human resources of Regional Parks' Operations and Maintenance Section according to Provincial legislation and Regional and Departmental regulations and policies which govern and guide the stewardship of these resources.

Objectives:

1. Improve maintenance methods for maximum staff effectiveness.
2. To provide added clerical assistance to Area Supervisors to increase time available for supervision and trouble-shooting.
3. Improve staff performance and efficiency by in-house training and educational seminars and formal courses.
4. Continue towards computerized operations and maintenance scheduling and monitoring systems.

KRA: Rental Operations

Goal: To maintain and operate park rental properties in a manner which optimizes longer term income and ensures tenant satisfaction while maintaining safe structures in a condition compatible with neighboring communities and park facilities.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedObjectives:

1. Complete program to upgrade structures to conditions compatible with neighboring communities.
2. Establish 1989 rental rates to fairly reflect market conditions.
3. Seek ways to economically maintain landbanked pasture and farm property in Aldergrove Lake, Campbell Valley, Derby Reach, Matsqui Trail and Tynehead.
4. Assist park operating staff in identifying revenue producing opportunities, such as concessions, special use fees, log booming licenses, etc.

REGIONAL PARKS1989 SHORT-TERM OBJECTIVES, ContinuedPARKS ADMINISTRATIONPurpose Statement

To provide support services (computer, stenographic, clerical and reception) to the Park Department and the Committee; overall supervision of administrative personnel; departmental management and budgeting; liaison with other departments, municipalities and provincial agencies.

KEY RESULTS AREAS (KRA), GOALS AND OBJECTIVES

KRA: Departmental administration, budgeting, personnel management and service to the public, the Board and Committee and to other Departments and Municipalities

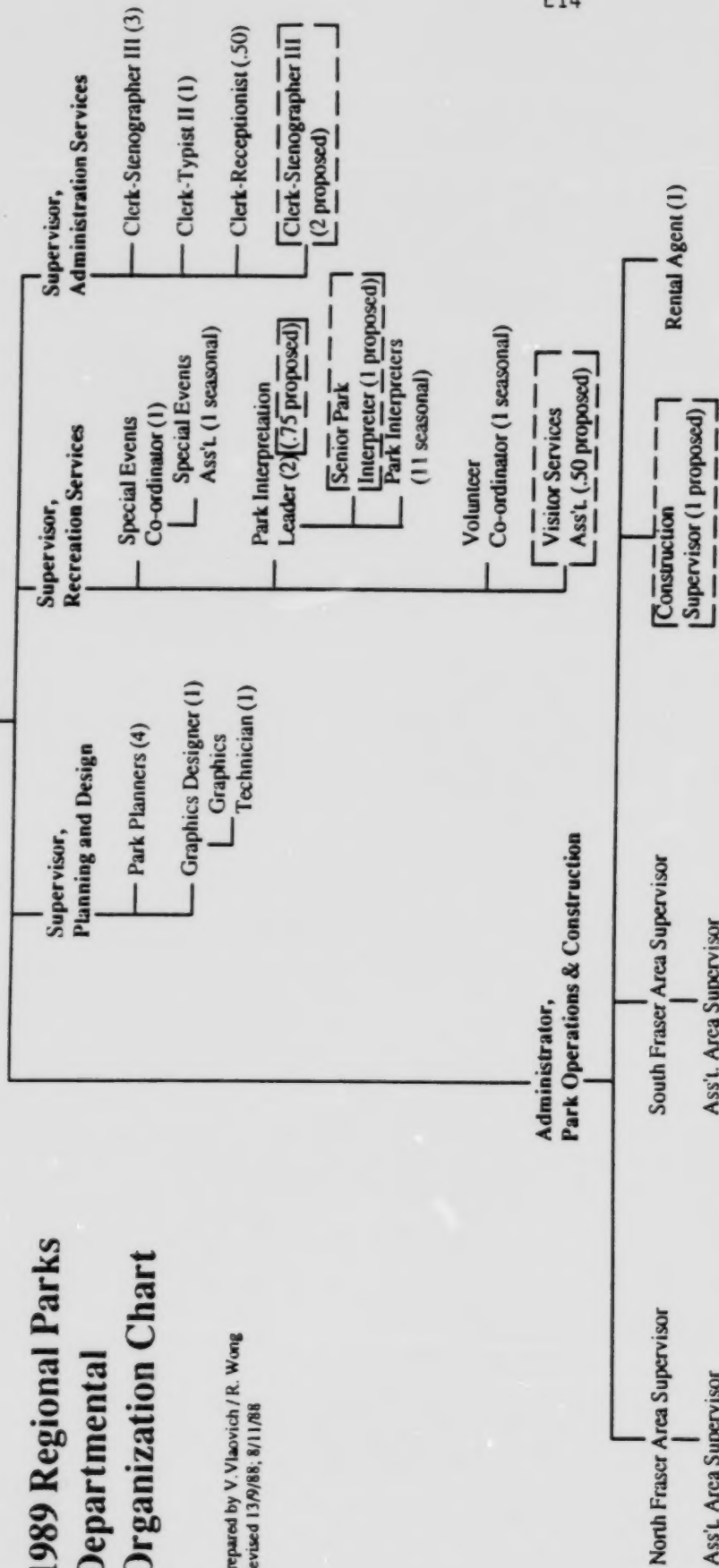
Objectives

1. Identify and monitor departmental priorities.
2. Implement organization and management systems to facilitate work flow.
3. Provide introduction and training to clerical staff on MacIntosh computers.
4. Provide budget analyses and monthly accounting of capital and operating expenditures.
5. Coordinate and prepare the provisional and final operating budgets.
6. Initiate, review and implement human resource development programs for departmental staff.
7. Establish goals, performance plans and reviews, and action plans for clerical/secretarial staff.
8. Liaise with member municipalities, political representatives and provincial agencies.
9. Assist the department and the public with enquiries and research regarding Regional Parks programs, events and facilities as well as Park Committee agendas and minutes.
10. Prepare agendas and report for monthly Park Committee and Board meetings.
11. Review, develop and implement new or revised office systems and administrative procedures in order to improve efficiency and accommodate departmental requirements and changes in policies and regulations.
12. Plan and control departmental activities and monitor results to plan.

1989 Regional Parks Departmental Organization Chart

Prepared by V. Vlaovich / R. Wong
Revised 13/9/88, 8/11/88

Manager



	Park Operations & Rentals	Recreation Services	Parks Planning & Administration
Dec. 31, 1987	21	4.75	12.5
1988 changes	1	.25	1.0
Dec. 31, 1988	22	5.00	13.5
1989 changes	5	2.25	2
Total Dec. 31, 1989	27	7.25	15.5

GREATER VANCOUVER REGIONAL DISTRICT

Regional Parks
Revenue and Expenditure Budget
Year Ending December 31, 1989

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
<u>Revenue</u>						
Members' Tax Requisitions						
- General		\$3,805,398	\$3,805,398	\$4,180,763	\$4,932,000	
- Crippen Regional Park		256,937	256,937	256,937	256,937	
- Special Development Levy		1,300,000	1,300,000	1,300,000	650,000	
		5,362,335	5,362,335	5,737,700	5,838,937	+ 8.9
Net Rental Income	E45	169,488	204,181	203,895	203,895	+ 20.3
Total Revenue		<u>\$5,531,823</u>	<u>\$5,566,516</u>	<u>\$5,941,595</u>	<u>\$6,042,832</u>	+ 9.2
<u>Expenditure</u>						
Parks Planning & Administration	E17	\$ 801,479	\$ 825,461	\$ 947,907	\$ 947,907	+ 18.3
Parks Recreation Services	E25	413,579	410,758	468,730	512,730	+ 24.0
Parks Operations	E26	2,004,846	2,004,503	2,294,905	2,633,905	+ 31.4
		<u>3,219,904</u>	<u>3,240,722</u>	<u>3,711,542</u>	<u>4,094,542</u>	+ 27.2
Fiscal Services						
Debenture Debt Charges						
- General		569,026	577,346	577,363	577,363	
- Crippen Regional Park		256,937	258,037	256,937	256,937	
		825,963	835,383	834,300	834,300	+ 1.0
Interest on Temporary Borrowing & sundry charges		74,600	8,298	134,100	264,100	+354.0
Contribution to Capital Funds		<u>1,411,356</u>	<u>1,482,113</u>	<u>1,261,653</u>	<u>849,890</u>	- 39.8
		<u>2,311,919</u>	<u>2,325,794</u>	<u>2,230,053</u>	<u>1,948,290</u>	- 15.7
Total Expenditure		<u>\$5,531,823</u>	<u>\$5,566,516</u>	<u>\$5,941,595</u>	<u>\$6,042,832</u>	+ 9.2

GREATER VANCOUVER REGIONAL DISTRICT

Regional Parks
1989 Final Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Salaries & employee benefits	\$1,852,458	\$1,851,354	\$2,159,762	\$2,315,212
Board vehicles & mileage	247,522	280,657	281,497	301,047
Travel	2,496	3,596	2,592	2,592
Other services	160,878	172,414	212,098	216,298
Legal	5,200	6,330	5,408	5,408
Materials & supplies	163,584	188,707	198,061	204,611
Purchased maintenance & repairs	44,460	23,772	51,430	61,930
Electricity & gas	46,324	52,111	82,021	85,021
Telephone	39,250	49,507	48,794	50,544
Insurance	51,850	54,130	51,850	51,850
Equipment replacement	86,950	83,836	98,763	101,263
Duplicating	18,096	14,495	22,064	22,064
Rent	124,640	124,293	124,640	124,640
Computer operating costs allocated	16,910	14,589	20,600	20,600
Central administrative services allocated	75,900	74,950	100,000	100,000
General administrative services allocated	7,200	6,200	52,500	52,500
Provision for board & committee requests	10,000	11,024	10,000	10,000
Radio communications	31,200	31,322	31,200	31,200
Indirect departmental costs	19,412	30,124	24,955	25,455
Provisions				
(Point Grey)	85,000	32,005	85,000	
(Capilano Camp)	10,000	42,312	10,000	
Maintenance				200,000
New Sites & Facilities				
Crippen Park				24,000
Boundary Bay/Iona				50,000
	3,099,330	3,147,728	3,673,235	4,056,235
Recoveries	(84,300)	(105,164)	(168,613)	(168,613)
	<u>3,015,030</u>	<u>3,042,564</u>	<u>3,504,622</u>	<u>3,887,622</u>
Special Events & Activities				
Parks Master Plan	50,000	49,122	50,000	50,000
Provision for special events	122,874	125,934	124,920	124,920
Provision for public information & brochures	25,000	21,124	25,000	25,000
Signs & brochures	7,000	1,976	7,000	7,000
	<u>204,874</u>	<u>198,156</u>	<u>206,920</u>	<u>206,920</u>
	<u>\$3,219,904</u>	<u>\$3,240,722</u>	<u>\$3,711,542</u>	<u>\$4,094,542</u>

Note: Excludes rental operations

GREATER VANCOUVER REGIONAL DISTRICT

Parks Planning and Administration
1989 Final Budget
by Program

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Administration	E19	\$154,886	\$168,755	\$194,843	\$
Indirect departmental costs	E20	<u>269,484</u>	<u>284,710</u>	<u>354,008</u>	
		<u>424,370</u>	<u>453,465</u>	<u>548,851</u>	
Parks Planning					
Land acquisition & co-ordination	E21	61,403	49,853	54,969	
Park system planning & research	E22	168,274	176,113	179,206	
Park development & implementation	E23	<u>87,432</u>	<u>85,884</u>	<u>104,881</u>	
		<u>317,109</u>	<u>311,850</u>	<u>339,056</u>	
Provision for Parks Master Plan	E24	<u>50,000</u>	<u>49,122</u>	<u>50,000</u>	
Provision for special studies as authorized by the Committee (to be appropriated)	E24	<u>10,000</u>	<u>11,024</u>	<u>10,000</u>	
Total Expenditure		<u>\$801,479</u>	<u>\$825,461</u>	<u>\$947,907</u>	<u>\$947,907</u>

GREATER VANCOUVER REGIONAL DISTRICT

Parks Planning and Administration
 1989 Final Budget
 By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$426,187	\$422,010	\$480,568	\$
Board & rented vehicles	10,510	12,060	12,194	
Mileage	520	1,042	1,404	
Travel	1,040	2,122	1,082	
Other services	8,476	20,836	13,997	
Legal	5,200	6,330	5,408	
Materials & supplies	13,104	15,712	13,629	
Telephone	17,600	20,050	20,556	
Postage	5,408	8,101	8,032	
Insurance	40,400	39,003	40,400	
Equipment replacement, maintenance & repairs	10,560	23,722	20,635	
Duplicating	17,680	12,138	18,387	
Rent	124,640	124,293	124,640	
Computer operating costs allocated	16,910	14,589	20,600	
Central administrative services allocated	35,950	35,000	52,500	
General administrative services allocated	7,200	6,200	52,500	
Indirect departmental costs allocated	94	2,107	1,375	
Provision for Parks Master Plan	50,000	49,122	50,000	
Provision for Board & Committee requests	10,000	11,024	10,000	
Total Expenditure	<u>\$801,479</u>	<u>\$825,461</u>	<u>\$947,907</u>	<u>\$947,907</u>

Parks Planning and Administration

Administration Program

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$130,726	\$140,700	\$164,750	\$
Board & rented vehicles	5,710	4,614	7,394	
Mileage	208	204	364	
Travel	1,040	2,122	1,082	
Other services	5,356	5,648	7,120	
Legal	5,200	6,330	5,408	
Materials & supplies	1,664	998	1,731	
Postage	208	109	752	
Equipment replacement, maintenance & repairs		2,152		
Duplicating	4,680	5,087	4,867	
Indirect departmental costs allocated	94	791	1,375	
Total Expenditure	<u>\$154,886</u>	<u>\$168,755</u>	<u>\$194,843</u>	<u>\$194,843</u>

Parks Planning & Administration

Indirect Departmental Costs

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Board & rented vehicles	\$	\$ 824	\$	\$
Other services	1,144	6,047	4,622	
Materials & supplies	4,680	9,223	4,867	
Telephone	17,600	20,050	20,556	
Postage	5,200	7,866	7,280	
Insurance	40,400	39,003	40,400	
Equipment replacement, maintenance & repairs	10,560	21,570	20,635	
Duplicating	5,200	45	5,408	
Rent	124,640	124,293	124,640	
Computer operating costs allocated	16,910	14,589	20,600	
Central administrative services allocated	35,950	35,000	52,500	
General Administrative Services allocated	<u>7,200</u>	<u>6,200</u>	<u>52,500</u>	
Total Expenditure	<u>\$269,484</u>	<u>\$284,710</u>	<u>\$354,008</u>	<u>\$354,008</u>

Parks Planning and Administration

Land Acquisition Co-ordination Program

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$60,363	\$49,065	\$53,684	\$
Mileage	104	104	312	
Other services	312	218	324	
Materials & supplies	624	159	649	
Indirect departmental costs allocated		307		
Total Expenditure	<u>\$61,403</u>	<u>\$49,853</u>	<u>\$54,969</u>	<u>\$54,969</u>

Parks Planning and Administration

Park System Planning & Research Program

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$149,330	\$148,197	\$159,188	\$
Board & rented vehicles	4,800	6,622	4,800	
Mileage	104	354	416	
Postage		126		
Other services	1,248	8,517	1,498	
Materials & supplies	4,992	4,633	5,192	
Duplicating	7,800	7,006	8,112	
Indirect departmental costs allocated		658		
Total Expenditure	<u>\$168,274</u>	<u>\$176,113</u>	<u>\$179,206</u>	<u>\$179,206</u>

Parks Planning and Administration

Park Development and Implementation Program

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$85,768	\$84,048	\$102,946	\$
Mileage	104	380	312	
Other services	416	406	433	
Materials & supplies	1,144	699	1,190	
Indirect departmental costs allocated		351		
Total Expenditure	<u>\$87,432</u>	<u>\$85,884</u>	<u>\$104,881</u>	<u>\$104,881</u>

Parks Planning and Administration

Provision for Special Studies

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Parks Master Plan	<u>\$50,000</u>	<u>\$49,122</u>	<u>\$50,000</u>	<u>\$50,000</u>
Special studies as authorized by the Committee (to be appropriated)	<u>\$10,000</u>	<u>\$11,024</u>	<u>\$10,000</u>	<u>\$10,000</u>

GREATER VANCOUVER REGIONAL DISTRICT

Parks Recreation Services
1989 Final Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Nature Interpretation</u>				
Salaries & employee benefits	\$254,539	\$241,277	\$287,644	\$329,194
Board & rented vehicles	10,452	10,712	11,361	12,411
Other services	12,636	22,237	36,597	36,997
Telephone	300	233	312	312
Insurance	250	311	250	250
Materials & supplies	7,072	12,690	13,268	14,268
Purchased maintenance & repairs	208	557	208	208
Indirect departmental costs	4,548	5,572	3,983	3,983
	290,005	293,589	353,623	397,623
Recoveries	(31,300)	(31,867)	(41,813)	(41,813)
Total Nature Interpretation	258,705	261,722	311,810	355,810
<u>Special Events & Activities</u>				
Salaries & employee benefits	48,538	48,698	50,638	
Board & rented vehicles	650	14,748	350	
Mileage	364	1,044	676	
Tuition	416	504	416	
Other services	1,976	16,866	1,871	
Materials & supplies	2,184	9,240	2,184	
Printing	208	2,129	208	
Indirect departmental costs	538	676	577	
	54,874	93,905	56,920	
Provisions	38,000		38,000	
1988 Promotional brochure	30,000	32,029	30,000	
	122,874	125,934	124,920	
Information	25,000	21,124	25,000	
Signs & brochures	7,000	1,978	7,000	
Total Special Events & Activities	154,874	149,036	156,920	156,920
Total Expenditure	\$413,579	\$410,758	\$468,730	\$512,730

GREATER VANCOUVER REGIONAL DISTRICT

Parks Operations
1989 Final Budget
By Program

	Sch	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget	% Change over 1988 Final Budget
Management	E28	\$ 185,396	\$ 193,476	\$ 222,848	\$ 222,848	+ 20.2
Aldergrove Lake	E29	150,154	156,035	161,018	191,018	+ 27.2
Belcarra Park	E30	293,219	293,556	337,501	353,501	+ 20.6
Boundary Bay	E31	19,584	24,667	20,464	20,464	+ 4.5
Burnaby Lake	E32	145,312	156,166	170,148	185,148	+ 27.4
Campbell Valley	E33	176,446	184,509	214,411	239,411	+ 35.7
Camp Capilano	E34	20,000	42,312	4,387	9,387	- 53.1
Capilano River	E35	171,802	167,041	196,788	206,788	+ 20.4
Crippen Park	E36	64,318	64,044	75,421	93,421	+ 45.2
Deas Island	E37	115,575	108,983	151,578	167,578	+ 45.0
Derby Reach	E38	116,995	133,363	132,179	132,179	+ 13.0
Kanaka Creek	E39	114,783	111,708	130,629	152,629	+ 33.0
Lynn Headwaters	E40	106,792	107,564	123,503	137,503	+ 28.8
Matsqui Trail	E41	95,382	83,152	111,328	121,328	+ 27.2
Minnekhada	E42	113,457	116,899	125,574	134,574	+ 18.6
Point Grey	E43	85,000	32,005	85,000	150,000	+ 76.5
Tynehead	E44	29,591	27,569	31,046	41,046	+ 38.7
Capilano Road Maintenance	E44	1,040	1,454	1,082	1,082	+ 4.0
New Sites & Facilities Provision					24,000	
- Crippen Park					50,000	
- Boundary Bay/Iona						
Total Expenditure		<u>\$2,004,846</u>	<u>\$2,004,503</u>	<u>\$2,294,905</u>	<u>\$2,633,905</u>	+ 31.4

NOTE: The \$200,000 additional annual maintenance cost has been included above in the applicable programs.

GREATER VANCOUVER REGIONAL DISTRICT

Parks Operations
1989 Final Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$1,171,732	\$1,195,061	\$1,391,550	\$1,505,450
Board & rented vehicles	226,040	258,481	256,538	275,038
Other services	131,612	185,955	153,857	156,177
Telephone	21,350	29,223	27,926	29,676
Insurance	11,200	14,816	11,200	11,200
Materials & supplies	143,408	177,674	171,164	176,714
Purchased maintenance & repairs	42,692	22,161	49,600	60,100
Electricity, natural gas & water	46,324	45,024	82,021	85,021
Security	4,613	3,165	4,802	6,302
Equipment replacement	77,950	61,498	79,750	82,250
Indirect departmental costs	14,770	22,550	19,597	20,077
Central administrative services allocated	39,950	39,950	47,500	47,500
Radio communications	31,200	31,322	31,200	31,200
Maintenance provision				200,000
New sites & facilities provision	95,000		95,000	74,000
	2,057,846	2,086,880	2,421,705	2,760,705
Recoveries	(53,000)	(82,377)	(126,800)	(126,800)
Total Expenditure	\$2,004,846	\$2,004,503	\$2,294,905	\$2,633,905

GREATER VANCOUVER REGIONAL DISTRICT

Parks Operations Management

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 81,126	\$ 74,023	\$110,687	\$
Board & rented vehicles	4,800	6,456	4,800	
Other services	7,520	15,252	2,621	
Telephone	1,000	274	1,040	
Insurance	10,800	14,179	10,800	
Materials & supplies		4,241		
Purchased maintenance & repairs		533	5,200	
Equipment replacement	9,000	7,199	9,000	
Indirect departmental costs allocated		47		
Central administrative services allocated	39,950	39,950	47,500	
Radio communications	31,200	31,322	31,200	
Total Expenditure	<u>\$185,396</u>	<u>\$193,476</u>	<u>\$222,848</u>	<u>\$222,848</u>

PARKS OPERATIONS PROGRAMAldergrove Lake ProgramPurpose

To operate and maintain Aldergrove Lake Regional Park.

Activities or Level of Service

- Park patrol daily for 12 months (intensive lake safety patrol for 4 months);
- Garbage and litter pick-up daily 8 months, twice weekly for 4 months;
- Lake chlorination daily for 4 months (monitoring, twice daily);
- Toilet maintenance daily for 12 months;
- Operation of water system 12 months;
- Traffic control daily for 4 months;
- Painting and repair of tables, buildings, plumbing, signs, parking lots, trails, bridges and all equipment;
- Weeding of lake area, picnic terraces and road shoulders;
- Supervision and minimum maintenance of parkland not rented or open to public;
- Supervision 12 months.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 99,975	\$111,254	\$107,632	\$107,632
Board & rented vehicles	16,540	17,177	18,322	18,322
Other services	6,136	4,182	6,381	6,381
Telephone	1,000	1,610	1,040	1,040
Insurance	100		100	100
Materials & supplies	15,288	13,454	15,899	15,899
Purchased maintenance & repairs	4,160	1,868	4,326	4,326
Electricity, natural gas & water	1,872	1,962	1,947	1,947
Equipment replacement	3,000	2,163	3,000	3,000
Indirect departmental costs	2,083	2,365	2,371	2,371
Maintenance provision				30,000
Total Expenditure	\$150,154	\$156,035	\$161,018	\$191,018

PARKS OPERATION PROGRAM (continued)Belcarra Park ProgramPurpose

Operation and maintenance of Belcarra Regional Park.

Activities or Level of Service

- Park patrol and public liaison daily for 12 months;
- 24 hour park patrol during high use summer season;
- Traffic and crowd control;
- Monitoring of undeveloped areas including ocean foreshore;
- Continuous litter pickup, building maintenance including washrooms and change rooms;
- Beach cleanup and maintenance;
- Supervision for 12 months;
- Turf and landscape maintenance;
- Maintenance of water systems and sewage systems;
- Monitoring contracted food concessions;
- Road and parking lot maintenance;
- Trail repair and maintenance;
- Playground repair and maintenance;
- Supervision of grant programs and minor construction projects.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$198,154	\$198,423	\$227,133	\$227,133
Board & rented vehicles	30,988	33,374	31,357	31,357
Other services	15,648	10,124	16,272	16,272
Telephone	2,250	1,704	2,340	2,340
Materials & supplies	21,112	24,454	30,172	30,172
Purchased maintenance & repairs	4,264	6,169	4,435	4,435
Electricity, natural gas & water	6,760	10,109	10,566	10,566
Security	1,768	1,260	1,839	1,839
Equipment replacement	16,000	13,988	16,000	16,000
Indirect departmental costs	3,275	4,247	4,387	4,387
Maintenance provision				16,000
	300,219	303,852	344,501	360,501
Recoveries	(7,000)	(10,296)	(7,000)	(7,000)
Total Expenditure	\$293,219	\$293,556	\$337,501	\$353,501

PARKS OPERATION PROGRAM (continued)Boundary Bay ProgramPurpose

Operation and maintenance of Boundary Bay Regional Park.

Activities or Level of Service

- Park patrol and public liaison - 4 months
- Maintenance, litter pick-up - 4 months
- Trail bike and four wheel drive control - 6 months

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$12,893	\$12,926	\$13,586	\$
Rented vehicles & equipment	4,120	9,329	4,180	
Other services	416	165	432	
Materials & supplies	1,664	2,082	1,731	
Indirect departmental costs	491	525	535	
	19,584	25,027	20,464	20,464
Recoveries		(360)		
Total Expenditure	<u>\$19,584</u>	<u>\$24,667</u>	<u>\$20,464</u>	<u>\$20,464</u>

PARKS OPERATION PROGRAM (continued)Burnaby Lake ProgramPurpose

Operation and maintenance of Burnaby Lake Regional Park and North Fraser Administrative Centre.

Activities or Level of Service

- Park patrol and public liaison - daily for six months
 - five days/week for six months;
- Maintenance and repair of extensive pedestrian and equestrian trail network (majority of which are wet boggy areas);
- Building maintenance;
- Continuous toilet maintenance, litter pickup;
- Parking lot maintenance;
- Turf and landscape maintenance;
- Supervision for 12 months;
- Supervision of grant programs and minor construction projects.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 98,810	\$ 94,507	\$108,476	\$108,476
Board & rented vehicles	18,172	25,358	26,276	26,276
Other services	2,184	3,335	3,831	3,831
Telephone	3,000	5,819	5,200	5,200
Insurance		637		
Materials & supplies	11,076	15,173	11,519	11,519
Purchased maintenance & repairs	1,248	1,647	1,298	1,298
Electricity, natural gas & water	4,160	3,839	6,614	6,614
Security	541	522	562	562
Equipment replacement	5,500	5,391	5,500	5,500
Indirect departmental costs	621	1,295	872	872
Maintenance provision				15,000
	145,312	157,523	170,148	185,148
Recoveries		(1,357)		
Total Expenditure	<u>\$145,312</u>	<u>\$156,166</u>	<u>\$170,148</u>	<u>\$185,148</u>

PARKS OPERATION PROGRAM (continued)Campbell Valley ProgramPurpose

To operate and maintain Campbell Valley Regional Park.

Activities or Level of Service

- Park and trail patrol daily for 12 months;
- Garbage and litter pickup daily for 6 months; twice weekly for 6 months;
- Grass cutting 24 times annually;
- Daily maintenance on 4 sets of pit toilets and 1 flush toilet building;
- Maintaining and patrol of group camp, group picnic area and equestrian centre, including jumps;
- Maintenance and patrol of 8 km of nature trails and 14 km of horse trails;
- Policing and patrol of 4 hectares heritage site with added building;
- Operation of 2 water systems and 2 hand pumps;
- Liaison with and organizing large groups;
- Painting & repairing tables, buildings, plumbing, signs, boardwalks, bridges and trails;
- Weeding picnic terraces and road shoulders;
- Supervision 12 months.

Alternatives

Reduce staff levels - Park Assistant I for 9 months.

Consequences

Reduced patrol, litter pick-up, painting and security. Reduced security staff and less monitoring of public use.

Decrease in Budget

- Park Assistant I	\$19,000
- Benefits	5,000
Total	<u>\$24,000</u>

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$109,544	\$124,896	\$139,688	\$139,688
Board & rented vehicles	22,540	28,473	24,401	24,401
Other services	7,280	6,514	7,571	7,571
Telephone	2,500	2,940	3,640	3,640
Insurance	300		300	300
Materials & supplies	13,832	16,353	14,385	14,385
Purchased maintenance & repairs	5,200	2,890	5,408	5,408
Electricity, natural gas & water	5,140	4,424	6,906	6,906
Security		148		
Equipment replacement	12,000	7,776	13,800	13,800
Indirect departmental costs	1,110	2,368	1,312	1,312
Maintenance provision				<u>25,000</u>
	<u>179,446</u>	<u>196,782</u>	<u>217,411</u>	<u>242,411</u>
Recoveries	<u>(3,000)</u>	<u>(12,273)</u>	<u>(3,000)</u>	<u>(3,000)</u>
Total Expenditure	<u>\$176,446</u>	<u>\$184,509</u>	<u>\$214,411</u>	<u>\$239,411</u>

PARKS OPERATION PROGRAM (continued)Camp Capilano - Capilano River Park ProgramPurpose

To operate a residential camp and programs.

Activities or Level of Service

- Accommodate school and community groups, small seminars on a daily or overnight basis;
- Provide meals and other operating services on a user pay contract basis;
- Provide programs on the environment for interested groups on a user pay contract basis;
- Maintain the Camp, facilities and surrounding landscaped areas;
- Carry out minor repairs as required;
- Supervision for 12 months.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$	\$	\$22,515	\$22,515
Board & rented vehicles			624	624
Other services	10,000	42,134	20,208	20,208
Materials & supplies		8,446	9,440	9,440
Purchased maintenance & repairs		330		10,000
Electricity, natural gas & water		482	11,900	11,900
Indirect departmental costs			1,000	
Provision for contingency	10,000		10,000	1,000
Maintenance provision				5,000
	20,000	51,392	75,687	80,687
Recoveries		(9,080)	(71,300)	(71,300)
Total Expenditure	<u>\$20,000</u>	<u>\$42,312</u>	<u>\$ 4,387</u>	<u>\$ 9,387</u>

PARKS OPERATION PROGRAM (continued)Capilano River Park ProgramPurpose

Operation and maintenance of Capilano River Regional Park.

Activities or Level of Service

- Park patrol and public liaison daily for 12 months;
- Operation of Camp Capilano daily for 12 months;
- Crowd and traffic control on weekends;
- Monitoring undeveloped areas;
- Intense turf and landscape maintenance at Cleveland Dam for eight months;
- Maintenance of two extremely busy washroom facilities;
- Painting and repairing buildings, picnic tables, bridges, safety railings, signs and gates;
- Litter pickup;
- Repair and maintenance of an extensive trail network;
- Supervision for 12 months;
- Hatchery access road and parking lot drainage maintenance;
- Tour bus control and fee collection at Hatchery;
- Supervision of grant programs and minor construction projects.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$123,810	\$119,182	\$136,833	\$136,833
Board & rented vehicles	19,592	22,379	27,921	27,921
Other services	5,096	6,925	5,299	5,299
Telephone	1,050	762	1,092	1,092
Materials & supplies	13,208	11,172	16,856	16,856
Purchased maintenance	624	2,780	649	649
Electricity, natural gas & water	624	2,399	2,729	2,729
Security	1,248	755	1,298	1,298
Equipment replacement	7,500	5,713	7,500	7,500
Indirect departmental costs	2,050	1,567	2,111	2,111
Maintenance provision				10,000
	174,802	173,634	202,288	\$212,288
Recoveries	(3,000)	(6,593)	(5,500)	(5,500)
Total Expenditure	<u>\$171,802</u>	<u>\$167,041</u>	<u>\$196,788</u>	<u>\$206,788</u>

PARKS OPERATION PROGRAM (continued)Crippen Park ProgramPurpose

Operation and maintenance.

Activities or Level of Service

Park patrol and public liaison - daily - 12 months (contract service)
 Maintenance of trail network
 Painting and repairing tables, signs, bridges, building and water system
 Grass cutting - 32 times
 Litter pick-up - continuous
 Supervision - 12 months
 Supervision of grant programs
 Building supervision

Patrol, maintenance and security will remain on a contract basis until December 31, 1989.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$16,887	\$16,956	\$17,758	\$17,758
Board & rented vehicles	5,720	6,080	5,777	5,777
Other services	33,087	35,330	40,650	40,650
Telephone	950	427	988	988
Insurance				
Materials & supplies	6,656	7,512	6,923	6,923
Purchased maintenance & repairs	676	284	703	703
Electricity, natural gas & water	4,472	1,227	6,731	6,731
Security	520		541	541
Equipment replacement	350	319	350	350
Indirect departmental costs		12		
Maintenance provision				18,000
	69,318	68,147	80,421	98,421
Recoveries	(5,000)	(4,103)	(5,000)	(5,000)
Total Expenditure	<u>\$64,318</u>	<u>\$64,044</u>	<u>\$75,421</u>	<u>\$93,421</u>
New Sites & Facilities Provision				
Crippen Park				<u>\$24,000</u>

PARKS OPERATION PROGRAM (continued)Deas Island ProgramPurpose

Supervision. Maintenance of Deas Island Regional Park.

Activities or Level of Service

Park patrol and public liaison	- 12 months
Maintenance, litter pick-up	- 12 months
Trail bike and four wheel drive control	- 6 months
Maintain park facilities - heritage building and gardens and new facilities	
Fraser River display and dykes and trails	
Grass cutting picnic area maintenance	- 12 months

Alternatives

Reduce staff levels.

How

Park Assistant I for 9 months.

Consequences

Reduced patrol, litter pick-up, maintenance and security. Increase in misuse and vandalism in shoulder months, reduced monitoring of public use.

Decrease in Budget

- Park Assistant I	\$19,000
- Benefits	5,000
Total	<u>\$24,000</u>

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 68,222	\$ 67,812	\$ 96,077	\$ 96,077
Board & rented vehicles	16,540	16,345	18,282	18,282
Other services	5,720	3,891	5,948	5,948
Telephone	2,500	2,986	3,640	3,640
Materials & supplies	8,528	9,789	8,869	8,869
Purchased maintenance & repairs	3,120	1,069	3,245	3,245
Electricity, natural gas & water	6,240	5,319	10,650	10,650
Equipment replacement	4,000	2,257	4,000	4,000
Indirect departmental costs	705	1,442	867	867
Maintenance provision				<u>16,000</u>
	<u>115,575</u>	<u>110,910</u>	<u>151,578</u>	<u>167,578</u>
Recoveries		(1,927)		
Total Expenditure	<u>\$115,575</u>	<u>\$108,983</u>	<u>\$151,578</u>	<u>\$167,578</u>

PARKS OPERATION PROGRAM (continued)Derby Reach ProgramPurpose

To operate and maintain Derby Reach Regional Park.

Activities or Level of Service

- Operate overnight camping site, collection of user fees;
- Park patrol daily for 12 months;
- Garbage and litter pickup daily for 12 months;
- Grass cutting 24 times;
- Grass raking 6 times;
- Campsite Pad maintenance daily for 12 months;
- Operation of the water system;
- Painting & repairing tables, 6 toilet buildings, signs, picnic areas, road shoulders & camping pads;
- Liaison with and organizing large fishing derbies;
- Supervision and minimum maintenance of park land not open to public or rented;
- Supervision 12 months.

Alternatives

None.

How

Two Park Assistants I for 4 months instead of 6 months.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Labour & employee benefits	\$ 81,831	\$ 92,259	\$ 88,518	\$
Board & rented vehicles	18,020	21,145	19,802	
Other services	8,864	9,799	12,963	
Telephone	3,000	8,398	4,680	
Materials & supplies	11,120	16,793	11,564	
Purchased maintenance	3,120	753	3,245	
Electricity, natural gas & water	3,744	1,449	3,894	
Equipment replacement	4,000	3,363	4,000	
Indirect departmental costs	<u>1,296</u>	<u>2,919</u>	<u>1,513</u>	
	134,995	156,878	150,179	150,179
Recoveries	<u>(18,000)</u>	<u>(23,515)</u>	<u>(18,000)</u>	<u>(18,000)</u>
Total Expenditure	<u>\$116,995</u>	<u>\$133,363</u>	<u>\$132,179</u>	<u>\$132,179</u>

PARKS OPERATION PROGRAM (continued)Kanaka Creek ProgramPurpose

To operate and maintain Kanaka Creek Regional Park.

Activities or Level of Service

- Park patrol daily for 12 months;
- Garbage and litter pickup daily for 12 months;
- Grass cutting 24 times;
- Raking 6 times;
- Fertilizing twice annually;
- Maintain toilets daily for 12 months;
- Maintenance of the facilities at the fish hatchery;
- Painting, cleaning and repair of tables, signs, trails, safety fences, bridges and all equipment;
- Supervision and minimum maintenance of park land not rented or open to the public;
- Supervision 12 months.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 68,222	\$ 66,157	\$ 78,622	\$ 78,622
Board & rented vehicles	15,520	16,421	17,261	17,261
Other services	8,736	8,461	9,918	9,918
Telephone	2,000	2,006	2,080	2,080
Materials & supplies	8,008	8,387	8,327	8,327
Purchased maintenance	3,120	590	3,245	3,245
Electricity, natural gas & water	1,872	3,527	3,507	3,507
Equipment replacement	6,600	5,792	6,600	6,600
Indirect departmental costs	705	773	1,069	1,069
Maintenance provision				22,000
	114,783	112,114	130,629	152,629
Recoveries		(406)		
Total Expenditure	\$114,783	\$111,708	\$130,629	\$152,629

PARKS OPERATION PROGRAM (continued)Lynn Headwaters ProgramPurpose

To operate and maintain Lynn Headwaters Regional Park.

Activities or Level of Service

- Park patrol and public liaison - daily for six months
- five days/week for six months;
- Maintenance and repair of extensive trail network;
- Painting and repairing of tables, signs, bridges and buildings;
- Maintenance and repair to roadways and parking lots;
- Maintenance of a water system;
- Turf and landscape maintenance;
- Continuous litter pickup and pit toilet maintenance;
- Supervision for 12 months;
- Supervision of grant programs and minor construction projects.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 66,328	\$ 70,228	\$ 79,067	\$ 79,067
Board & rented vehicles	15,304	14,354	17,989	17,989
Other services	4,680	4,749	4,867	4,867
Telephone	1,050	896	1,092	1,092
Materials & supplies	9,620	8,666	10,005	10,005
Purchased maintenance & repairs	2,600	238	2,704	2,704
Electricity, natural gas & water	2,600	3,128	2,704	2,704
Equipment replacement	4,000	2,591	4,000	4,000
Indirect departmental costs	610	2,714	1,075	1,075
Maintenance provision				14,000
Total Expenditure	<u>\$106,792</u>	<u>\$107,564</u>	<u>\$123,503</u>	<u>\$137,503</u>

PARKS OPERATION PROGRAM (continued)Matsqui Trail ProgramPurpose

To operate and maintain Matsqui Trail Regional Park.

Activities or Level of Service

- Park patrol daily for 4 months, twice weekly for 8 months;
- Garbage and litter pickup daily for 4 months, twice weekly for 8 months;
- Grass mowing 12 times; Dyke brush maintenance once annually
- Painting & repairs of park signs, tables, trails, gates and toilet buildings;
- Liaison with large groups of fishermen;
- Supervision 12 months.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 62,206	\$ 55,293	\$ 72,291	\$ 72,291
Board & rented vehicles	19,020	17,527	20,742	20,742
Other services	3,224	1,732	3,353	3,353
Materials & supplies	6,344	6,039	7,844	7,844
Purchased maintenance & repairs	2,080	461	2,163	2,163
Electricity, natural gas & water			2,080	2,080
Equipment replacement	2,000	1,516	2,000	2,000
Indirect departmental costs	508	584	855	855
Maintenance provision				10,000
Total Expenditure	<u>\$ 95,382</u>	<u>\$ 83,152</u>	<u>\$111,328</u>	<u>\$121,328</u>

PARKS OPERATION PROGRAM (continued)Minnekhada Park ProgramPurpose

To operate and maintain Minnekhada Regional Park.

Activities or Level of Service

- Park patrol and public liaison - daily for six months
- five days/week for six months;
- Maintenance of an extensive trail network;
- Maintenance and operation of Minnekhada Lodge;
- Painting and repairing tables, signs, bridges, buildings and water system;
- Turf and landscape maintenance;
- Continuous litter pickup
- Supervision for 12 months;
- Roadway and parking lot maintenance;
- Supervision of grant programs and minor construction projects.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 66,328	\$ 65,547	\$ 74,338	\$ 74,338
Board & rented vehicles	14,104	14,522	13,541	13,541
Other services	10,232	17,704	10,642	10,642
Telephone	1,050	1,401	1,094	1,094
Materials & supplies	12,272	15,396	12,762	12,762
Purchased maintenance & repairs	12,480	2,340	12,979	12,979
Electricity, natural gas & water	8,840	7,050	11,793	11,793
Security	541	480	562	562
Equipment replacement	4,000	3,430	4,000	4,000
Indirect departmental costs	610	775	863	863
Maintenance provision				9,000
	130,457	128,645	142,574	151,574
Recoveries	(17,000)	(11,746)	(17,000)	(17,000)
Total Expenditure	<u>\$113,457</u>	<u>\$116,899</u>	<u>\$125,574</u>	<u>\$134,574</u>

PARKS OPERATION PROGRAM (continued)Point Grey Regional ParkPurpose

Operate and maintain Point Grey Regional Park.

Activities or Level of Service

- Establish park patrols and public liaison in a new regional park;
- Maintain washrooms - when established;
- Begin to monitor use and user patterns;
- Litter pickup;
- Maintain trails;
- Supervise grant programs;
- Supervise small development programs.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$	\$ 6,994	\$	\$113,900
Board & rented vehicles		2,897		18,500
Other services		13,621		2,300
Telephone				1,750
Materials & supplies		8,370		5,550
Purchased maintenance & repairs				500
Electricity, natural gas & water				3,000
Security				1,500
Equipment replacement				2,500
Indirect departmental costs		123		500
Provision for contingency	85,000		85,000	
Total Expenditure	\$ 85,000	\$ 32,005	\$ 85,000	\$150,000

PARKS OPERATION PROGRAM (continued)Tynehead Park ProgramPurpose

Supervise, operate and maintain Tynehead Regional Park.

Activities or Level of Service

- Park patrol and public liaison - 6 months.
- Maintain park trails, bridges, boardwalks and parking lot - 6 months.
- Monitor undeveloped areas for illegal use, trail bikes, etc. - 6 months.
- Litter pick-up - 6 months.
- Supervision - 12 months.

Alternatives

None.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
Labour & employee benefits	\$ 17,396	\$ 18,604	\$ 18,329	\$ 18,329
Rented vehicles & equipment	5,060	4,313	5,263	5,263
Other services	2,808	2,193	2,921	2,921
Materials & supplies	3,640	1,347	3,786	3,786
Purchased maintenance & repairs		209		
Electricity, natural gas & water		109		
Indirect departmental costs	687	794	747	747
Maintenance provision				10,000
Total Expenditure	\$ 29,591	\$ 27,569	\$ 31,046	\$ 41,046

Capilano Road

Materials & supplies	\$ 1,040	\$ 1,454	\$ 1,082	\$ 1,082
Total Expenditure	\$ 1,040	\$ 1,454	\$ 1,082	\$ 1,082

GREATER VANCOUVER REGIONAL DISTRICT

Regional Parks
 1989 Final Budget
 Net Income from Rental Operations
 Year ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Revenue</u>				
Rentals	<u>\$627,100</u>	<u>\$648,793</u>	<u>\$651,569</u>	<u>\$651,569</u>
<u>Expenditure</u>				
Labour & employee benefits	75,586	73,930	77,492	
Property taxes	94,000	90,453	95,200	
Insurance	18,000	18,500	15,150	
Repairs, maintenance, materials, supplies & property rehabilitation	229,300	225,074	224,260	
Legal	3,224	4,585	3,200	
Board vehicles & mileage	2,808	1,599	2,600	
Provision for doubtful accounts	6,000	2,441	6,000	
Central administrative services	14,050	13,910	14,500	
Other services & supplies	6,760	8,658	1,300	
Provision for equipment replacement	500	39	500	
Water, electricity & natural gas	<u>7,384</u>	<u>5,423</u>	<u>7,472</u>	
Total Expenditure	<u>457,612</u>	<u>444,612</u>	<u>447,674</u>	<u>447,674</u>
Net Income	<u>\$169,488</u>	<u>\$204,181</u>	<u>\$203,895</u>	<u>\$203,895</u>

GREATER VANCOUVER REGIONAL DISTRICT

Parks Source & Application
of Capital Funds

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Funds Provided By:</u>				
Balance of funds from prior years	\$ (384,704)	\$ (379,825)	\$	\$ (146,084)
Contribution from Revenue	1,411,356	1,482,113	1,261,653	849,890
Temporary capital borrowing	800,848		1,369,347	2,051,194
Net proceeds from disposal of surplus property	<u>480,000</u>	<u>97,213</u>	<u>450,000</u>	<u>350,000</u>
Total	<u>2,307,500</u>	<u>1,199,501</u>	<u>3,081,000</u>	<u>3,105,000</u>
<u>Funds Applied To:</u>				
Principle portion agreement for sale	127,500	127,500		
Property acquisition	1,185,000	595,637	2,045,000	1,100,000
Park Development	<u>995,000</u>	<u>622,448</u>	<u>1,036,000</u>	<u>2,005,000</u>
Total	<u>2,307,500</u>	<u>1,345,585</u>	<u>3,081,000</u>	<u>3,105,000</u>
Funds on hand carried to following year	<u>\$ NIL</u>	<u>\$ (146,084)</u>	<u>\$ NIL</u>	<u>\$ NIL</u>

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GREATER VANCOUVER REGIONAL DISTRICT

DEVELOPMENT SERVICES

SUMMARY OF INCREASES OF 1989

EXPENDITURES OVER 1988 FINAL BUDGET

1988 Final Budget	\$ 870,000
Change in Level of Service	256,363
Inflation	<u>18,300</u>
1989 Provisional Budget	<u>\$1,144,663</u>



DEVELOPMENT SERVICESLong-Term and Ongoing Role

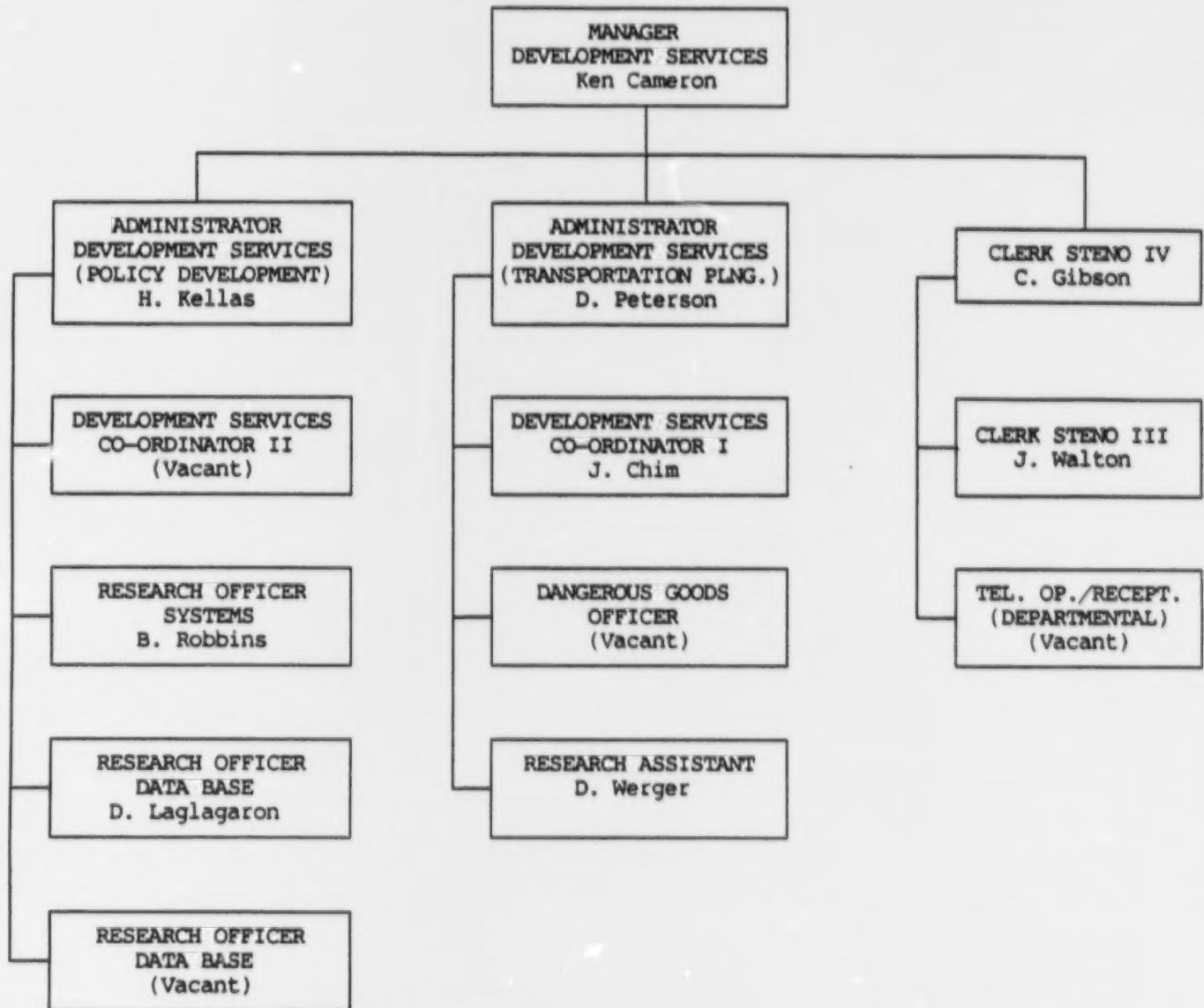
In 1988, the Greater Vancouver Regional District received Supplementary Letters Patent to provide advisory development services to participating municipalities. This arrangement replaces the contract service which existed between 1983 and 1988.

Development services include research, forecasting and intermunicipal co-ordination in demographics, transportation, economic development and other aspects of regional development within the overall context of the Livable Region Program.

1989 Short-Term Objectives

1. To complete and implement the economic strategy for Greater Vancouver.
2. To establish a planning process for transportation improvements involving municipalities, provincial and federal agencies.
3. To co-ordinate local government's contribution to the implementation of the Transportation of Dangerous Goods report.
4. To continue to improve the range and accessibility of information and assistance available to municipalities.

DEVELOPMENT SERVICES

Departmental Organization Chart

Telephone Operator/Receptionist shared with Parks

	<u>APPROVED</u>	<u>ACTUAL</u>
December 31, 1988	9.5	9.5
1989 changes budgeted	<u>3.0</u>	<u> </u>
December 31, 1989	<u>12.5</u>	

GREATER VANCOUVER REGIONAL DISTRICT

Development Services
Revenue and Expenditure Budget
Year ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>	<u>% Change over 1988 Final Budget</u>
<u>Revenue</u>					
Members' tax requisitions	\$	\$	\$1,132,014	\$1,144,663	
Provincial Grant		37,500			
Recoveries from member municipalities under Development Services Agreements	870,000	870,000	17,816		
Other Revenues		44,502			
Total Revenue	<u>\$870,000</u>	<u>\$952,002</u>	<u>\$1,149,830</u>	<u>\$1,144,663</u>	+31.6%
<u>Expenditure</u>					
Research & Policy Development	\$	\$	\$ 154,478	\$ 154,586	
Economic Development			192,338	192,425	
Transportation Planning			174,729	174,853	
Information Requests			108,742	106,136	
Database Maintenance Development			130,436	137,479	
Total Program Costs	<u>500,000</u>	<u>560,850</u>	<u>760,723</u>	<u>765,479</u>	+53.1%
Administration	100,000	129,360	79,857	79,934	-20.1%
Indirect departmental costs	<u>270,000</u>	<u>261,792</u>	<u>309,250</u>	<u>299,250</u>	+10.8%
	<u>370,000</u>	<u>391,152</u>	<u>389,107</u>	<u>379,184</u>	+ 2.5%
Total Expenditure	<u>\$870,000</u>	<u>\$952,002</u>	<u>\$1,149,830</u>	<u>\$1,144,663</u>	+31.6%

GREATER VANCOUVER REGIONAL DISTRICT

Development Services
1989 Budget
by Object of Expenditure

<u>Expenditure</u>	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits	\$354,500	\$450,951	\$ 549,880	\$545,063
Mileage, travel and board vehicles	6,000	11,240	12,500	12,500
Legal	1,000	835	1,000	1,000
Consultants	168,200	152,779	227,000	236,650
Materials, supplies & other services	66,100	56,677	34,900	34,900
Duplicating services	14,000	12,146	12,000	12,000
Rent	81,100	80,913	95,000	95,000
Postage	5,300	2,963	3,000	3,000
Telephone	7,600	13,434	12,000	12,000
Equipment replacement & maintenance	42,800	40,342	55,500	45,500
Publications	3,800	3,250	3,000	3,000
Central administrative services	19,600	20,100	38,300	38,300
Computer services	94,600	100,172	100,000	100,000
General Administrative Services allocated	<u>5,400</u>	<u>6,200</u>	<u>5,750</u>	<u>5,750</u>
Total Expenditure	<u>\$870,000</u>	<u>\$952,002</u>	<u>\$1,149,830</u>	<u>\$1,144,663</u>

DEVELOPMENT SERVICES

1. REGIONAL RESEARCH AND POLICY DEVELOPMENT

Purpose

To undertake research on regional development trends and prospects; to prepare regional development strategies; to communicate the results of this work through technical memoranda, bulletins, seminars and other means.

Activities

1. Complete the Livable Region Strategy review undertaken in 1988. Discuss the draft strategy with municipalities. Seek endorsement of a Livable Region Strategy for the 1990's.
2. Undertake research arising from questions raised during preparation and review of a Livable Region Strategy for the 1990's.
3. Prepare subregional and traffic zone forecasts for population and households. Prepare metropolitan, subregional and traffic zone labour force forecasts. Review, and update if required, regional and traffic zone employment forecasts.
4. Monitor and research regional development trends including population and household characteristics, commercial and industrial construction, and land use.
5. Prepare and distribute bulletins on regional development trends and prospects to municipalities, government agencies and subscribers.
6. Undertake minor studies as required to support the activities of Development Services committees.

2. REGIONAL ECONOMIC DEVELOPMENT SERVICES

Purpose

To undertake projects designed to increase the effectiveness of economic development efforts on behalf of Greater Vancouver; to prepare strategies providing a framework for economic development activity.

Activities

1. Complete printing of the Greater Vancouver economic development brochure prepared in 1988. Prepare and implement a distribution plan.
2. Prepare a Greater Vancouver socioeconomic profile document as a companion to the regional economic development brochure.
3. Prepare and distribute quarterly Greater Vancouver economic monitoring bulletins.

DEVELOPMENT SERVICES

4. Implement approved actions arising from the Greater Vancouver Economic Strategy prepared in 1988. The Economic Strategy sets out six regional economic development services which could be carried out by the GVRD and a number of specific actions. A significant start would be made on implementing the actions. Projects may include:
 - Organizing meetings with Greater Vancouver Members of Parliament and Members of the Legislative Assembly to discuss the region's economic needs.
 - Developing the implementing an intermunicipal strategic cities plan to gain maximum advantage from sister city relationships through sharing experiences and contacts.
 - Creating and supporting a mechanism for ensuring communication among Greater Vancouver's "champion agencies" in economic development. This may involve formation of a Greater Vancouver Economic Council or the sponsorship of symposia on the region's economy.
 - Supporting local government economic development marketing initiatives through providing services which can be more effectively carried out jointly. This may include organizing intermunicipal representation in selected trade shows and trade missions.
 - Creating task forces for particular industry sectors to identify intermunicipal actions which could improve the climate for business development.
 - Contributing to the preparation of a Greater Vancouver Tourism Development Strategy.
5. Provide support for an intermunicipal committee of economic development officers.
6. If required, administer a municipal contribution to Tourism Vancouver's destination marketing program, including the development and monitoring of contracts, and the coordination of municipal involvement.
7. Maintain liaison with government economic development agencies at the federal, provincial and local levels, and private sector associations.

3. TRANSPORTATION PLANNING

Purpose

To undertake and/or participate in the formulation and analysis of Regional transportation policies and strategies; to assist in the analysis of transportation policies or issues of multi-municipal importance by providing research, consultative, or coordinative services; to support and fund local governments' participation, through the GVRD, in the activities of the tri-level body that is to be structured and charged with implementing the recommendations of the Transport of Dangerous Good Study.

DEVELOPMENT SERVICES

Activities

1. Provide, in partnership with provincial authorities, management and support for the Greater Vancouver Transportation Task Force in the preparation of a transportation strategy for the region.
2. Proceed with the evaluation of transportation capital projects and of alternative strategies and scenarios. Secure provincial and municipal review of evaluation outcome and incorporate preferred strategies in the Livable Region Plan document.
3. Undertake research into issues or problems which are shared by or common to several GVRD municipalities, as requested by the Board on the GVRD Advisory Committee. (Recent examples have included the issues of transit funding and organization and taxi regulation.)
4. Undertaken follow-up studies and activities regarding goods movement issues, as may be called for in the Fall '88 symposium on urban trucking.
5. Assist in the program and activities of the Tri-level Advisory Committee the establishment of which was recommended by the Transport of Dangerous Goods Study. The role of the Council is to oversee the implementation of the Study's recommendations and to monitor dangerous goods movement in the Region.

4. INFORMATION REQUESTS

Purpose

To respond to requests and inquiries from GVRD, municipal and other clients regarding the demographic, land use, economic and transportation data and forecasts that are maintained by the Department; to assist clients in understanding and working with the data and forecasts, including assisting them in achieving direct computer-to-computer access to the data bases and in using and understanding the Department's forecasting models.

Activities

1. Respond to requests or inquiries from GVRD and municipal clients regarding the Department's data bases and forecasting models.
2. Respond to requests or inquiries from federal and provincial ministries and agencies, businesses and the public.
3. Assist municipal clients and others in developing their expertise and capacity to address the Department's data bases and to work with its forecasting tools (notably the transportation model) in the conduct of their own research and analysis.

DEVELOPMENT SERVICES

4. Respond to inquiries from municipal clients and others on matters relating to the storage and transport of dangerous goods. (The Transport of Dangerous Goods Study has recommended that GVRD Development Services assume responsibility for updating and maintaining the data bases that were assembled by the Study and for responding to enquiries regarding that information.)

5. DATA BASE MAINTENANCE AND DEVELOPMENT

Purpose

To maintain and develop information on Greater Vancouver, including data on population, land use, the economy and transportation, as required by the GVRD, member municipalities and the public; to maintain computer systems to efficiently store and retrieve data; to maintain and develop computer models for forecasting regional development trends, including population and transportation; to provide direct computer access to data bases and models by GVRD departments, municipalities and other users.

Activities

1. Maintain and update demographic, land use, economic and transportation data. This includes maintaining the commercial/industrial floorspace inventory from building development records, updating the commercial/industrial building inventory from 1989 assessment records, inputting monthly data on housing starts, migration, employment and labour force, and incorporating new traffic counts.
2. Acquire data as required by the GVRD and member municipalities, including special tabulations of census data, economic monitoring information, and development activity data.
3. Maintain and improve computer software to facilitate remote access to data bases by municipalities and other users.
4. Maintain and develop the EMME/2 transportation model including updating calibration, adding new screenline data, and developing of subarea models.
5. Maintain and develop the Geographic Information System including extending the use through development of new model applications and links to other computer systems.
6. Support the activities of municipal information system and transportation staff through facilitating intermunicipal liaison.
7. Improve materials providing a guide to development information resources, and undertake discussions with municipal staff and others to highlight the resources available and the methods of access.

DEVELOPMENT SERVICES6. DEVELOPMENT SERVICES ADMINISTRATIONPurpose

To provide for the management of the Development Services Department and the Department's share of GVRD central services.

Activities

1. To provide programming, planning, budgeting and management for the Department.
2. To provide administrative support for Development Services committees.
3. To pay for rent, computer services, financial administration, personnel and other central GVRD services.

"G"

GREATER VANCOUVER REGIONAL DISTRICT

E911 EMERGENCY TELEPHONE SYSTEM

Summary of Increase in 1989
Expenditures over 1988 Final Budget

1988 Final Budget

\$ NIL

New Program

210,800

1989 Final Budget

\$210,800

E911 PROJECT

Long-Term and Ongoing Role

In May 1988, the G.V.R.D. was granted Supplementary Letters Patent to enable it to operate an E911 Emergency Telephone system. Since 1967, 911 has been the 3-digit code designated for accessing emergency service agencies. The spread of the use of 911 over the North American continent has been steady since then. The area to be serviced by the system will cover all of the G.V.R.D. as well as the municipalities of Pitt Meadows and Maple Ridge.

1989 Plans

The project team from the G.V.R.D. has been working with B.C. Tel during 1988 to inventory the present police and fire emergency number answering facilities and to determine operating practices for the G.V.R.D. 911 system. Equipment to operate the system will be ordered in early 1989 and will be installed and tested during the fall. Estimated start-up date for the entire system is mid-February, 1990.

The primary tasks of the E911 design team for 1989 are to ensure that the system is adequately designed such that there are a minimum of operational problems when the service begins operation, and that the project proceeds on the established schedule. The design team will be working with the police and fire departments and with B.C. Tel to identify those areas of the region for which 911 service is not easily connected and to design the system such that it handles these anomalies.

Secondary goals will be to ensure that the database of telephone subscriber name and address is properly configured to satisfy the police and fire departments; to establish procedures for operation of the municipal 911 centres; to ensure that the G.V.R.D. 911 system integrates with the computer-aided dispatch system in use in the City of Vancouver and proposed for all R.C.M.P. detachments.

In the fourth quarter, the design team will be working with B.C. Tel to produce an advertising campaign to introduce the public to the system. Care will be taken to clearly define when the public is to call 911; what constitutes "an emergency" will be negotiated with the participating police and fire departments and one definition will be used for all advertising.

GREATER VANCOUVER REGIONAL DISTRICT

E911 Emergency Telephone System
 Revenue and Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>	<u>% Change over 1988 Final Budget</u>
<u>Revenue</u>					
Members' tax requisitions	\$	\$	\$210,800	\$210,800	
Surplus from previous year	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Total Revenue	<u>\$</u>	<u>\$</u>	<u>\$210,800</u>	<u>\$210,800</u>	
<u>Expenditure</u>					
Operating expenses	\$	\$	\$201,300	\$201,300	
Debt charges	<u> </u>	<u> </u>	<u>9,500</u>	<u>9,500</u>	
Total Expenditure	<u>\$</u>	<u>\$</u>	<u>\$210,800</u>	<u>\$210,800</u>	
Surplus carried forward		<u>\$</u>			

GREATER VANCOUVER REGIONAL DISTRICT

E911 Emergency Telephone System

1989 Budget

By Object of Expenditure

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
Salaries & employee benefits	\$	\$	\$ 35,470	\$
Board vehicles			5,200	
Other supplies & services			10,000	
Indirect departmental costs			5,730	
S795 Reserve			<u>144,900</u>	
			201,300	201,300
Debt charges			<u>9,500</u>	<u>9,500</u>
	\$	\$	<u>\$210,800</u>	<u>\$210,800</u>

"H"

GREATER VANCOUVER REGIONAL DISTRICT

ELECTORAL AREAS
SUMMARY OF INCREASES OF 1989
EXPENDITURES OVER 1988 FINAL BUDGET

1988 Final Budget			\$506,636
<u>Operating Expenses</u>			
Change in Level of Service			
Electoral Area "C"			
- Administration	\$ 11,884		
- Recreation Services	21,500		
- Grants in Aid	1,100		
- Sasamat Volunteer Fire Department	<u>12,600</u>		
	47,084		
No planned elections for next year	(23,606)		
Increased building inspection volume	<u>26,500</u>		
		\$ 49,978	
Extraordinary Item			
Bowen Island - Prior year over-remittance from the Province		2,268	
New Program			
Snug Cove Sewage System	3,000		
Sunnyside Fire Protection	<u>3,000</u>		
		6,000	
Inflation		<u>12,252</u>	
			70,498
Debt Charges			
Snug Cove Sewage System		15,200	
Bowen Island Recreation		<u>(1,128)</u>	
			<u>14,072</u>
1989 Final Budget			<u>\$591,206</u>

GREATER VANCOUVER REGIONAL DISTRICT

Electoral Area Functions
 Revenue and Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>	<u>% Change over 1988 Final Budget</u>
<u>Revenue</u>					
Tax requisitions	\$456,754	\$458,721	\$494,573	\$505,001	+ 10.6
Other Revenue	15,000	30,360	25,000	40,920	+172.8
Surplus from previous year	<u>34,882</u>	<u>34,891</u>	<u>35,115</u>	<u>45,285</u>	+ 29.8
Total Revenue	<u>\$506,636</u>	<u>\$523,972</u>	<u>\$554,688</u>	<u>\$591,206</u>	+ 16.7
<u>Expenditure</u>					
Operating expenses	\$308,468	\$282,443	\$341,148	\$378,966	+ 22.9
Fiscal services	<u>198,168</u>	<u>196,244</u>	<u>213,540</u>	<u>212,240</u>	+ 7.1
Total Expenditure	<u>\$506,636</u>	<u>\$478,687</u>	<u>\$554,688</u>	<u>\$591,206</u>	+ 16.7
Surplus carried to following year		<u>\$ 45,285</u>			

ELECTORAL AREA FUNCTIONSAllocated to all Electoral AreasElection and Enumeration ExpensesPurpose

The Regional District, under the Municipal Act, is required to prepare, update or review the voters lists for its three Electoral Areas, and to undertake the holding of elections for Electoral Area Directors and Islands Trustees. These elections are held at the same time and in the same manner as the November municipal elections.

Activities or Level of Service

Enumeration of voters may be carried out on a house-to-house basis in more settled areas although this is usually waived by Board resolution. Deputy Registration Officers are appointed to accept registrations in the Electoral Areas. Expenses include advertising as required under the Municipal Act.

The Court of Revision, appointed by the Board, certifies the voters lists for use in elections of Electoral Areas Directors, Islands Trustees and School Trustees.

Elections are held every three years for Directors in the three Electoral Areas and for Islands Trustees in Electoral Area "C" and part of Electoral Area "B". Expenses include staffing the polls (using mainly temporary help), rentals of school facilities and equipment, printing of forms and ballots, mileage and some travel costs. Advertising expenses are incurred as a result of the statutory requirement to publish notices in the local press. Expenses incurred for Islands Trust elections are reimbursed by the Province.

In 1988, the GVRD conducted the election for two local Island Trustees for Bowen Island. Co-operation with the District of West Vancouver in administration of a joint election for Island Trustees and School Board Trustees has resulted in greater efficiency and cost-saving.

U.B.C.M. and Other ExpensesPurpose

This account covers expenses relating to participation by Electoral Area Directors in the U.B.C.M., including membership dues and registration.

GREATER VANCOUVER REGIONAL DISTRICT

Electoral Area Functions
 Allocated to All Electoral Areas
 Revenue and Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions	\$ 7,700	\$ 7,700	\$(14,506)	\$(16,458)
Recoveries	5,000	4,557		
Surplus from previous year	<u>12,906</u>	<u>12,906</u>	<u>17,006</u>	<u>18,958</u>
Total Revenue	<u>\$25,606</u>	<u>\$25,163</u>	<u>\$ 2,500</u>	<u>\$ 2,500</u>
<u>Expenditure</u>				
Election and enumeration expenses				
Allocated from Secretariat	\$11,506	\$ 1,865	\$	\$
Other services	6,600	1,739		
Materials & supplies	500	447		
Temporary help	<u>5,000</u>	<u>505</u>		
	23,606	4,556		
U.B.C.M. & other expenses	<u>2,000</u>	<u>1,649</u>	<u>2,500</u>	<u>2,500</u>
Total Expenditure	<u>\$25,606</u>	<u>\$ 6,205</u>	<u>\$ 2,500</u>	<u>\$ 2,500</u>
Surplus carried to following year		<u>\$18,958</u>		

ELECTORAL AREA FUNCTIONSGeneral Expenses - Electoral Area "A"Purpose

To provide funds for expenditures on minor works and for information mailing initiated by the Area Directors.

Activities or Level of Service

General expenses are specifically provided for under Supplementary Letters Patent to permit Directors to have expenditures incurred in their area in respect to minor works such as garbage bins for beaches, bus shelters, rest benches and related purposes as well as providing residents with information letters and mailings.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions	\$ 177	\$ 177	\$ 500	\$ 776
Surplus from previous year	<u>2,323</u>	<u>2,323</u>	<u>2,000</u>	<u>1,724</u>
Total Revenue	<u>\$ 2,500</u>	<u>\$ 2,500</u>	<u>\$ 2,500</u>	<u>\$ 2,500</u>
<u>Expenditure</u>				
General expenses	<u>\$ 2,500</u>	<u>\$ 776</u>	<u>\$ 2,500</u>	<u>\$ 2,500</u>
Surplus carried to following year		<u>\$ 1,724</u>		

ELECTORAL AREA FUNCTIONS

Electoral Area "B" Advisory Planning Commission

Purpose

Under Section 955 of the Municipal Act, the Regional District may establish Advisory Planning Commissions (A.P.C.'s) in the Electoral Areas.

Activities or Level of Service

The APC provides local input into the local planning function for which the Board is responsible in Electoral Area "B". In recent years the level of activity has declined as a result of the incorporation of parts of Electoral Area "B" into the City of Port Moody and the Village of Anmore.

Local Planning - Electoral Area "B"

Purpose

To provide local planning services to Electoral Area "B".

Activities or Level of Service

Routine administration.

GREATER VANCOUVER REGIONAL DISTRICT

Electoral Area Functions
 Electoral Area "B"
 Revenue & Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions	\$13,259	\$13,259	\$ 9,498	\$14,401
Surplus/(Deficit) from previous year	<u>243</u>	<u>243</u>	<u>4,002</u>	<u>(901)</u>
Total Revenue	<u>\$13,502</u>	<u>\$13,502</u>	<u>\$13,500</u>	<u>\$13,500</u>
<u>Expenditure</u>				
Advisory Planning Commission	\$ 2,502	\$ 2,322	\$ 2,500	\$
Planning - Local	<u>11,000</u>	<u>12,081</u>	<u>11,000</u>	<u></u>
Total Expenditure	<u>\$13,502</u>	<u>\$14,403</u>	<u>\$13,500</u>	<u>\$13,500</u>
(Deficit) carried to following year		<u>\$ (901)</u>		

ELECTORAL AREA FUNCTIONSElectoral Area "B" AdministrationPurpose

To provide for the general administration of Electoral Area matters in Electoral Area "B".

Activities or Level of Service

Activities include liaison with and staff support to the Area Director and the Electoral Areas Committee; provision of information to the public on request; administration of the Board of Variance; and budget preparation, together with routine guidance of community development through administration of regulatory bylaws and responses to senior government referrals. In 1989 a study of options for local service delivery will be conducted with assistance of a grant from the Ministry of Municipal Affairs for 100% of the costs.

General Expenses - Electoral Area "B"Purpose

To provide funds for expenditures on minor works and for information mailing initiated by the Area Directors.

Activities or Level of Service

General expenses are specifically provided for under Supplementary Letters Patent to permit Directors to have expenditures incurred in their area in respect to minor works such as garbage bins for beaches, bus shelters, rest benches and related purposes as well as providing residents with information letters and mailings.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Revenue</u>				
Tax requisitions	\$28,890	\$28,890	\$34,483	\$28,743
Surplus/(Deficit) from previous year	127	127	(1,983)	3,757
Total Revenue	<u>\$29,017</u>	<u>\$29,017</u>	<u>\$32,500</u>	<u>\$32,500</u>
<u>Expenditure</u>				
Administration				
Salaries & employee benefits	\$19,255	\$16,568	\$22,940	\$
Other Services	<u>7,262</u>	<u>7,817</u>	<u>7,060</u>	
	26,517	24,385	30,000	
General Expenses	<u>2,500</u>	<u>875</u>	<u>2,500</u>	
Total Expenditure	<u>\$29,017</u>	<u>\$25,260</u>	<u>\$32,500</u>	<u>\$32,500</u>
Surplus carried to following year		<u>\$ 3,757</u>		

ELECTORAL AREA FUNCTIONSBowen Island Garbage RemovalPurpose

A Specified Area was established on Bowen Island twelve years ago for the purposes of providing a garbage pickup service and for the disposal of that garbage. A uniform parcel tax on developed residential property has been established to pay all costs for this service.

Activities or Level of Service

The GVRD contracts for the pickup and disposal service for garbage with a private contractor. In 1988 a contract for five years was awarded by tender to the present contractor. This contract came into effect on January 1, 1989.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions	\$71,027	\$72,994	\$73,633	\$75,785
Surplus from previous year	<u>1,873</u>	<u>1,882</u>	<u>6,867</u>	<u>6,983</u>
Total Revenue	<u>\$72,900</u>	<u>\$74,876</u>	<u>\$80,500</u>	<u>\$82,768</u>
<u>Expenditure</u>				
Contract services	\$67,300	\$67,201	\$74,900	\$74,900
Other services	<u>5,600</u>	<u>692</u>	<u>5,600</u>	<u>7,868</u>
Total Expenditure	<u>\$72,900</u>	<u>\$67,893</u>	<u>\$80,500</u>	<u>\$82,768</u>
Surplus carried to following year		<u>\$ 6,983</u>		

ELECTORAL AREA FUNCTIONSElectoral Areas Building InspectionPurpose

To provide building inspection services to Electoral Areas "B" and "C".

Activities or Level of Service

Building inspection services have been provided on site on two days a week for Bowen Island and on one afternoon a week in Electoral Area "B". The office hours for the inspector have been Tuesday mornings and on Fridays. Other times, messages are taken for return telephone calls.

Twenty-six hours a week have been allowed for the total Building Inspectors' time. One Building Inspector responsible for Area "B" has been on a contract basis for the past five years. With the incorporation of Anmore and the annexation of Ioco by Port Moody, the area, tax base and service levels for this function are considerably reduced. The other Building Inspector has been on contract for the past year, is responsible for Area "C" and is resident on Bowen Island. Provision is made for increased service to reflect the high level of building activity on Bowen Island.

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Revenue</u>				
Tax requisitions	\$11,704	\$11,704	\$ 4,527	\$21,541
Building inspection fees & other revenue	10,000	25,803	25,000	30,000
Surplus/(Deficit) from previous year	(2,231)	(2,231)	4,473	(5,041)
Total Revenue	\$19,473	\$35,276	\$34,000	\$46,500
<u>Expenditure</u>				
Salaries & employee benefits	\$ 383	\$	\$ 910	\$ 910
Consultants	10,000	32,355	24,000	38,000
Other services	4,890	5,297	4,890	3,390
Building rental allocated	1,200	1,196	1,200	1,200
Legal	3,000	1,469	3,000	3,000
Total Expenditure	\$19,473	\$40,317	\$34,000	\$46,500
(Deficit) carried to following year		\$(5,041)		

ELECTORAL AREA FUNCTIONS

Electoral Area "C" Administration

Purpose

To provide for the general administration of electoral area matters on Bowen Island.

Activities or Level of Service

General administration includes liaison with the Area Director, providing information to the public on request, administration and enforcement of by-laws and various other matters.

The budget for this function also includes secretarial services supplied by Development Services and reception services shared with the Development Services and Park Departments.

Electoral Area "C" Noise By-law

Purpose

To administer By-law 519, a by-law for the regulation of community noise in Electoral Area "C".

Activities or Level of Service

A Bylaw for the regulation of community noise was finalized in June of 1985 and is enforced by the R.C.M.P. The 1988 Budget allows for administrative costs and legal fees.

ELECTORAL AREA FUNCTIONS

Electoral Area "C" Dog Control By-law

Purpose

Under Supplementary Letters Patent, the Board has enacted a Bylaw "to regulate the keeping of dogs...on Bowen Island".

Activities or Level of Service

An agreement has been entered into with SPCA to provide for an "on-call" service to pick up dogs running at large, as well as a pound service.

The budget provides for paying the SPCA for their service and for an amount for administrative time and possible legal costs.

It is proposed to reinstate a licensing system in 1989 to assist with Dog Control enforcement. The costs of this service will be offset entirely by license fees.

Bowen Island Recreation Commission

Purpose

Under Supplementary Letters Patent, the Board provides recreational programs for Electoral Area "C".

Under this authority, GVRD has established the Electoral Area "C" Recreation Commission with power to organize and conduct a recreational program.

Additional funds proposed for 1989 are to cover annualized costs of recreation staff and to permit short-term space rental for community programs.

Activities or Level of Service

A co-ordinator has been retained to develop and operate the recreational program under the direction of the Recreation Commission. A monthly fee for service is paid to the co-ordinator.

The major part of the program involves classes held at the Community School/Recreation Centre. Fees charged for these classes cover the costs of instructors, materials, etc. These fees and costs are not included in this budget.

ELECTORAL AREA FUNCTIONS

Grants in Aid of Community Services

Purpose

To provide grants under Sections 770(3), 770(4) and 791(1) of the Municipal Act for the general benefit of the community.

Activities or Level of Service

In previous years this allocation has been used entirely to support the Bowen Island Library. In 1989 it is proposed to reduce the grant to the Library Association, to provide for a small grant to provide needed maintenance of the community softball field and to provide a grant to the Recreation Commission to offset rental charges for community groups using Recreation Commission space.

General Expenses - Electoral Area "C"

Purpose

To provide funds for expenditures on minor works and for information mailing initiated by the Area Directors.

Activities or Level of Service

General expenses are specifically provided for under Supplementary Letters Patent to permit Directors to have expenditures incurred in their area in respect to minor works such as garbage bins for beaches, bus shelters, rest benches and related purposes as well as providing residents with information letters and mailings.

GREATER VANCOUVER REGIONAL DISTRICT

Electoral Area Functions
 Allocated to Electoral Area "C"
 Revenue and Expenditure Budget
 Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Revenue</u>				
Tax requisitions				
Administration	\$49,402	\$ 49,402	\$ 63,884	\$ 54,744
Noise Control	585	585	322	72
Dog Control	4,791	4,791	3,072	4,497
Recreation Commission	18,918	18,918	39,650	44,602
Grants in Aid	10,958	10,958	7,000	12,106
General Expenses	1,657	1,657	1,000	1,129
	<u>86,311</u>	<u>86,311</u>	<u>114,928</u>	<u>117,150</u>
Surplus/(Deficit) from previous year				
Administration	(6,286)	(6,286)	(8,884)	256
Noise Control	343	343	578	928
Dog Control	1,337	1,337	3,128	1,703
Recreation Commission	5,932	5,932	4,850	1,748
Grants in Aid	42	42	(500)	(6)
General Expenses	843	843	1,500	1,371
	<u>2,211</u>	<u>2,211</u>	<u>772</u>	<u>6,000</u>
Total Revenue	<u>\$88,522</u>	<u>\$ 88,522</u>	<u>\$115,700</u>	<u>\$123,150</u>
<u>Expenditure</u>				
Administration				
Salaries & employee benefits	\$45,623	\$ 27,958	\$ 25,695	\$ 25,695
Consultants			31,000	31,000
Legal	1,500	1,810	1,500	1,500
Other services	3,993	9,189	4,805	4,805
Rent	5,000	3,913	5,000	5,000
Recoveries	(13,000)	(10)	(13,000)	(13,000)
	<u>43,116</u>	<u>42,860</u>	<u>55,000</u>	<u>55,000</u>
Noise Control	928		1,000	1,000
Dog Control	6,128	4,425	6,200	6,200
Recreation Commission	24,850	23,102	44,500	46,350
Grants in Aid	11,000	11,006	6,500	12,100
General Expenses	<u>2,500</u>	<u>1,129</u>	<u>2,500</u>	<u>2,500</u>
Total Expenditure	<u>\$88,522</u>	<u>\$ 82,522</u>	<u>\$115,700</u>	<u>\$123,150</u>
Surplus/(Deficit) carried to following year:				
Administration		\$ 256		
Noise Control		928		
Dog Control		1,703		
Recreation Commission		1,748		
Public Library Assoc.		(6)		
General Expenses		1,371		
		<u>\$ 6,000</u>		

ELECTORAL AREA FUNCTIONSCove Bay Public Utility - Specified AreaPurpose

To pay for the capital costs of reconstruction and upgrading of a water supply and distribution system for the specified area.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax Requisitions	\$136,380	\$136,380	\$136,759	\$136,812
Surplus from previous year	<u>777</u>	<u>777</u>	<u>399</u>	<u>346</u>
Total Revenue	<u>\$137,157</u>	<u>\$137,157</u>	<u>\$137,158</u>	<u>\$137,158</u>
<u>Expenditure</u>				
Debt Charges	\$129,339	\$129,339	\$129,340	\$129,340
Other Services	<u>7,818</u>	<u>7,472</u>	<u>7,818</u>	<u>7,818</u>
Total Expenditure	<u>\$137,157</u>	<u>\$136,811</u>	<u>\$137,158</u>	<u>\$137,158</u>
Surplus carried to following year		<u>\$ 346</u>		.

ELECTORAL AREA FUNCTIONSSnug Cove Sewage System - Specified AreaPurpose

To pay for the capital costs of construction of a sewage treatment system for the specified area.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions			\$19,500	\$ 7,280
User charge				<u>10,920</u>
Total Revenue			<u>\$19,500</u>	<u>\$18,200</u>
<u>Expenditure</u>				
Debt Charges			\$16,500	\$15,200
Other Services			<u>3,000</u>	<u>3,000</u>
Total Expenditure			<u>\$19,500</u>	<u>\$18,200</u>

ELECTORAL AREA FUNCTIONSFire Regulations - Defined Area, Electoral Area "B"Purpose

By Supplementary Letters Patent issued in January 1980, the GVRD was granted the power to enact Fire Regulations in the Village of Belcarra and the Defined Portion of Electoral Area "B". Amendments to the letters patent will be required to reflect the restructuring of local government within the subject area.

Activities or Level of Service

Bylaw #352 establishes the regulations and provides for the issuance of burning permits. The Bylaw is administered by members of the Sasamat Volunteer Fire Department, who issue permits. Enforcement is by the RCMP.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions	\$ 80	\$ 80	\$ 100	\$ 8
Surplus from previous year	<u>220</u>	<u>220</u>	<u>200</u>	<u>292</u>
Total Revenue	<u>\$ 300</u>	<u>\$ 300</u>	<u>\$ 300</u>	<u>\$ 300</u>
<u>Expenditure</u>				
Administration	<u>\$ 300</u>	<u>\$ 8</u>	<u>\$ 300</u>	<u>\$ 300</u>
Total Expenditure	<u>\$ 300</u>	<u>\$ 8</u>	<u>\$ 300</u>	<u>\$ 300</u>
Surplus carried to following year		<u>\$ 292</u>		

ELECTORAL AREA FUNCTIONSSasamat Volunteer Fire DepartmentPurpose

Through Supplementary Letters Patent, the GVRD established the Sasamat Volunteer Fire Department (SVFD) to provide Fire Protection and Accident Emergency service to the Village of Belcarra and a Defined Portion of Electoral Area "B". This Defined Portion includes the area incorporated as the new Village of Anmore and the area annexed to Port Moody (Ioco). Amendments will be required to the Letters Patent and the authorization by-law to reflect the restructuring of local government within the subject area. This has been defined in the memorandum of agreement between Port Moody, the Electoral Area "B" Director and the Deputy Minister of Municipal Affairs.

Activities or Level of Service

The SVFD comprises 28 volunteers, 2 firehalls (one in Belcarra and one in Anmore), 2 tanker trucks, 1 pumper truck and 1 rescue-and-safety van. The Department responds to approximately 35 to 40 call-outs per year, of which roughly 60% are fire calls and 40% are motor vehicle related accidents.

GREATER VANCOUVER REGIONAL DISTRICT

Sasamat Volunteer Fire Department
 Revenue & Expenditure Budget
Year Ending December 31, 1989

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions	\$73,563	\$73,563	\$88,080	\$ 89,379
Surplus from previous year	<u>14,517</u>	<u>14,517</u>		<u>11,301</u>
Total Revenue	<u>\$88,080</u>	<u>\$88,080</u>	<u>\$88,080</u>	<u>\$100,680</u>
<u>Expenditure</u>				
Administration	\$ 6,700	\$ 4,589	\$ 6,700	\$ 5,126
Equipment Replacement & Maintenance	19,700	12,239	19,700	28,300
Communications	2,500	2,500	2,500	2,500
Fire Hall Operations	6,330	7,717	6,330	8,504
Insurance	3,500	2,994	3,500	3,500
Volunteer Expenses	6,000	7,025	6,000	10,000
Financial services	<u>4,100</u>	<u>523</u>	<u>4,100</u>	<u>3,500</u>
	<u>48,830</u>	<u>37,587</u>	<u>48,830</u>	<u>61,430</u>
Fiscal Services				
Debt Charges	22,400	22,342	22,400	22,400
Contribution to Capital Reserve Fund	<u>16,850</u>	<u>16,850</u>	<u>16,850</u>	<u>16,850</u>
	<u>39,250</u>	<u>39,192</u>	<u>39,250</u>	<u>39,250</u>
Total Expenditure	<u>\$88,080</u>	<u>\$76,779</u>	<u>\$88,080</u>	<u>\$100,680</u>
Surplus carried forward to following year		<u>\$11,301</u>		

ELECTORAL AREA FUNCTIONSElectoral Area "B" - Sunnyside Fire Protection Specified AreaPurpose

To pay for fire protection services contracted from Port Moody.

Activities or Level of Service

As provided for under By-law No. 609.

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Provisional Budget</u>	<u>1989 Final Budget</u>
<u>Revenue</u>				
Tax requisitions				<u>\$ 3,000</u>
Total Revenue				<u>\$ 3,000</u>
 <u>Expenditure</u>				
Contract services				<u>\$ 3,000</u>
Total Expenditure				<u>\$ 3,000</u> *****

ELECTORAL AREA FUNCTIONSElectoral Area "C" - Recreation Services Specified AreaPurpose

To pay for the capital costs of construction of a portion of the Community School/Recreation Centre on Bowen Island used for recreation purposes.

The debt charges for the construction of the Bowen Island Community School are shared between the GVRD and School District 45 (West Vancouver). This budget provides for the GVRD share which is to be charged to Electoral Area "C".

	1988 Final Budget	1988 Actual	1989 Provisional Budget	1989 Final Budget
<u>Revenue</u>				
Tax requisitions	\$27,663	\$27,663	\$27,071	\$26,584
Surplus from previous year	<u>1,916</u>	<u>1,916</u>	<u>1,379</u>	<u>1,866</u>
Total Revenue	<u>\$29,579</u>	<u>\$29,579</u>	<u>\$28,450</u>	<u>\$28,450</u>
<u>Expenditure</u>				
Debt charges				
Principal & interest	\$22,753	\$22,753	\$22,753	\$
Foreign exchange premiums	<u>6,826</u>	<u>4,960</u>	<u>5,697</u>	
Total Expenditure	<u>\$29,579</u>	<u>\$27,713</u>	<u>\$28,450</u>	<u>\$28,450</u>
Surplus carried to following year		<u>\$ 1,866</u>		



Greater Vancouver Housing Corporation

4330 Kingsway, Burnaby, British Columbia, Canada V5H 4G8

Telephone (604) 432-6300

TO: Board of Directors
FROM: Secretary-Treasurer
RE: 1989 Budget
DATE: April 6, 1989

The 1989 Budget for the Greater Vancouver Housing Corporation is presented for your consideration.

1988 Operations

The 1988 rental operations resulted in a surplus of \$400,193 before adjustments compared to a budgeted operating deficit of \$58,843.

A surplus totalling \$252,896 on six Section 15 projects will be transferred to the Replacement Reserve to reduce the deficiency due to insufficient contributions in earlier years. Two other Section 15 projects had losses of \$64,251 which will be recovered through the transfer of revenue from the Capital Reserve Fund.

The Section 56.1 projects had a surplus of \$208,806 before adjustments, of which \$100,140 was transferred to rental subsidy reserves, and \$108,666 is repayable to CMHC.

Rental revenue was \$291,602 more than budget due mostly to internal subsidies being lower than projected. The average 1988 residential vacancy rate, excluding the Downtown Eastside, was 1.7% compared with a budget rate of 1.9%. Operating expenses were \$288,453 less than budget, of which \$111,264 was for extra-ordinary items budgeted but not expended.

Non-rental operations resulted in a net income transferred to the Capital Reserve Fund of \$421,354 compared to a budget of \$276,612. Higher short-term interest earnings of \$316,661 less increased net Property Management cost of \$118,172 account for most of the difference.

1989 Budget

A surplus of \$518,160 before adjustments on rental operations is projected. \$27,542 would be available for transfer to rental subsidy reserves, \$434,428 would be repayable to CMHC, and the remainder transferable to the Section 15 projects' replacement reserves.

Rents

Net rental income is projected to increase \$496,870 (2.7%) over 1988 actual.

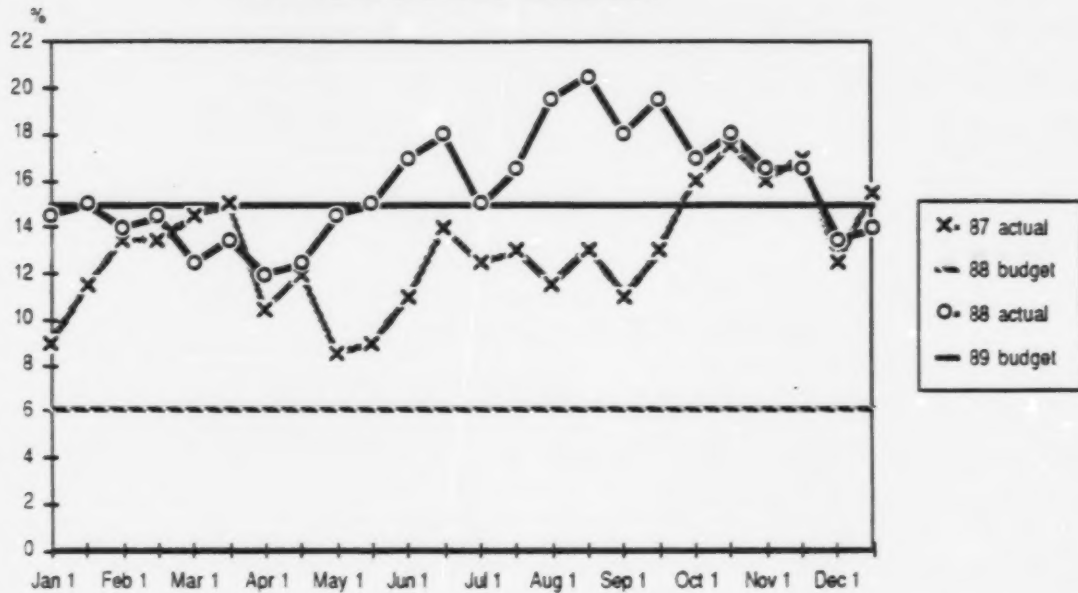
Net residential rentals were calculated as follows:

Total residential rent potential	\$19,711,614
Less Estimated Vacancies	(440,669)
Internal subsidies	(735,831)
Net residential rents	<u>\$18,535,114</u>

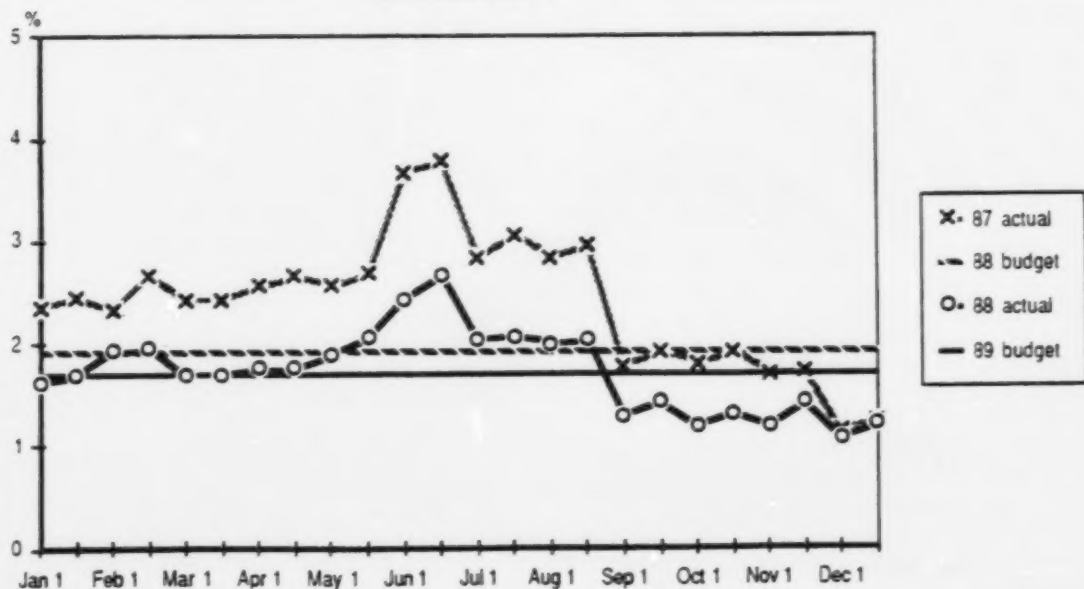
The residential vacancy rate is forecast at 2.6% and Section 56.1 internal subsidies at 4.5% of rent potential after allowing for rent increases determined in conjunction with CMHC.

The average budgeted vacancy rate on projects excluding the Downtown Eastside residences has been lowered from 1.9% to 1.7%. However, the budget rate of 14.9% for the Downtown Eastside residences has been increased to approximate the actual levels experienced in 1988.

GVHC RESIDENTIAL VACANCY RATES DOWNTOWN EASTSIDE RESIDENCES

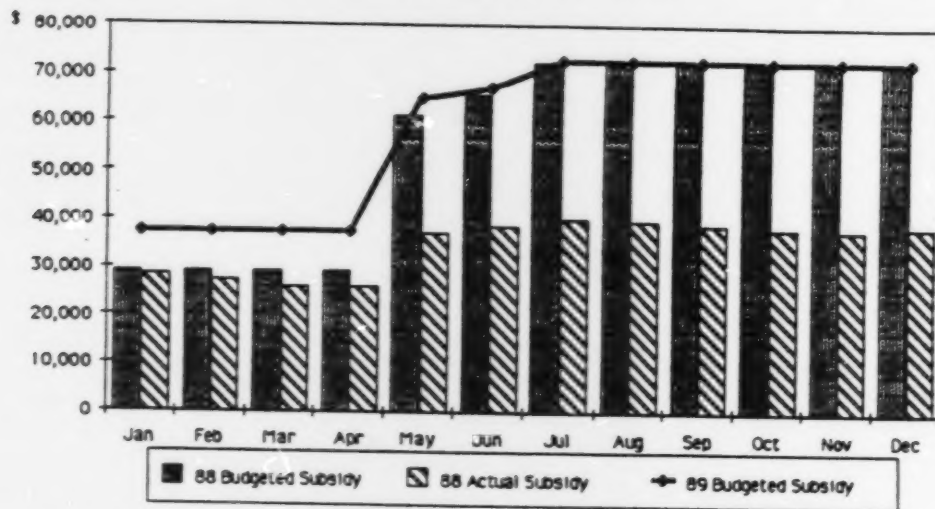


GVHC RESIDENTIAL VACANCY RATES EXCLUDING DES



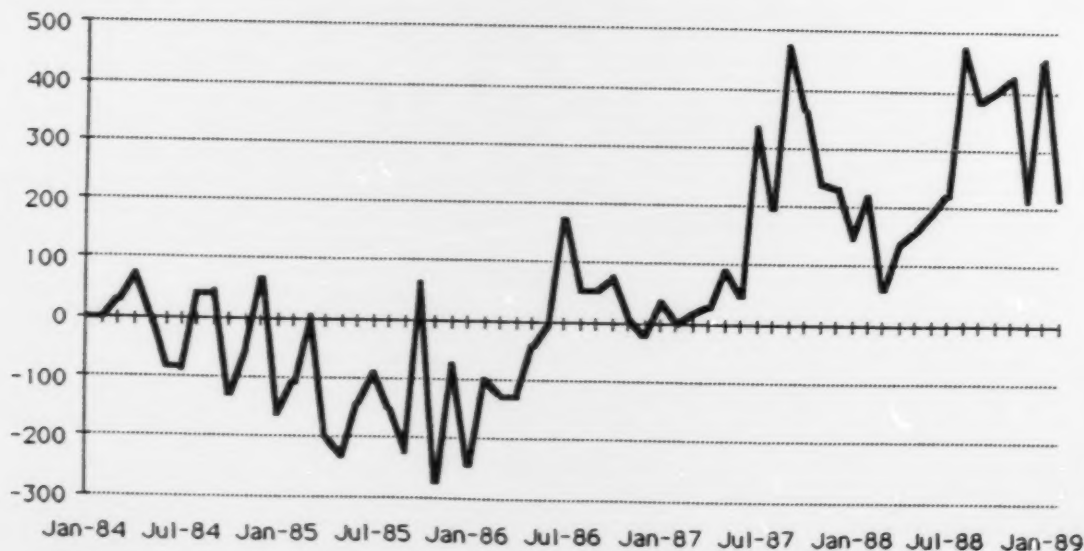
Although the budgeted internal subsidy level was not achieved in 1988, the 4.5% of rent potential on 56.1 projects will be maintained for the 1989 budget. This is a target which may be difficult to achieve given the low turnover rate.

GVHC - SECTION 56.1 SUBSIDY



The net B.C. Family Allowance transfers showed a continued strong increased net movement of people into the province during 1988. Whether or not this trend continues will probably depend on the market demand for British Columbia primary resources.

NET B.C. FAMILY ALLOWANCE TRANSFERS TO FEBRUARY 1989



Operating Expenses

Extraordinary costs (expenditures that are not incurred each year as part of regular operating costs) are projected at \$402,000, an increase of \$277,464 over 1988 and include the following:

Underground sprinkler at Kelly Court	\$ 5,000
Repair concrete at Kingston and McBride	23,000
Paint handrails, fences and utility doors at Kingston	5,000
Replace failed windows at Knightsbridge I, II & Adelaide	16,000
Repair underground leaks at London Square	5,000
Upgrade landscaping at Maple Vine, Ran Beamish & Meridian	27,000
Fencing at Meridian, Minato and Epsom	33,000
Upgrade kitchen cabinets at Meridian, Single Family Homes, Minato and St. Andrews	48,000
Elevate asphalt paths at Meridian	6,000
Upgrade exterior lighting at Meridian, Epsom & Kingston	23,000
Upgrade large play area at Meridian	5,000
Install non-slip stair tread at Heather Place	6,000
Upgrade office facilities at Epsom	5,000
Install awnings over windows at Guildford	10,000
Install concrete pads in storage rooms at Guildford	10,000
Upgrade insulation at Single Family Homes	5,000
Repairs to entry deck at Tivoli	5,000
Recoat balcony at Tivoli	5,000
Replace manual light timers at Meridian	5,000
New drains and replace balcony soffits at Ozada	10,000
Other (miscellaneous projects under \$5,000 each)	145,000
	<u>\$402,000</u>

Replacement Reserve

The annual contribution to the Replacement Reserve is based on 1% of actual construction costs. Expenditures from the reserve are running less than projected and average interest earnings were 10.0% in 1988. Changes in the Replacement Reserve are as follows:

	1988 Final Budget	1988 Actual	1989 Final Budget
Balance January 1st	\$ 9,103,909	\$ 9,103,909	\$11,413,431
Add:			
Provided from operations	1,659,900	1,850,899	1,835,995
Interest earned	960,000	1,005,586	1,249,274
	<u>11,723,809</u>	<u>11,960,394</u>	<u>14,498,700</u>
Less: Expenditures	<u>729,300</u>	<u>546,963</u>	<u>689,500</u>
Balance December 31st	<u>\$10,994,509</u>	<u>\$11,413,431</u>	<u>\$13,809,200</u>

Rental Subsidy Reserves

Where projects have a net income, \$500 per unit is required to be set aside in a rental subsidy reserve for that project only, before any balance can be pooled with losses on other projects. The balances projected for the Rental Subsidy Reserve in summary, are as follows:

	1988 Final Budget	1988 Actual	1989 Final Budget
Balance January 1st	\$ 794,522	\$ 794,522	\$ 968,790
Add:			
Provided from operations (net)	32,028	100,140	27,542
Interest earned	66,200	74,128	100,548
Balance December 31st	<u>\$ 892,750</u>	<u>\$ 968,790</u>	<u>\$1,096,880</u>

Capital Reserve Fund

This fund was originally created from a capital gain on the sale of property. Earnings on the fund are taken into non-rental operations and any net income from non-rental operations is contributed back to the Capital Reserve.

The anticipated changes to this fund are as follows:

	1988 Final Budget	1988 Actual	1989 Final Budget
Balance January 1st	\$4,564,039	\$4,564,039	\$5,008,026
Add:			
Net contributions from non-rental operations	276,612	421,354	161,466
Profit and disposal of property		22,633	
	<u>\$4,840,651</u>	<u>\$5,008,026</u>	<u>\$5,169,492</u>

The fund earned income at the rate of 10.8% in 1988.

Changes in Operating Deficit from Preliminary Budget

1989 Preliminary Budget surplus on rental operations		\$517,962
Add:		
Net change in Debt Charges and CMHC assistance		15,999
Deduct:		
Net increase of extraordinary items	\$ (9,000)	
Increased garbage removal costs	<u>(6,801)</u>	
		<u>(15,801)</u>
1989 Final Budget surplus on rental operations		<u>\$518,160</u>

GREATER VANCOUVER HOUSING CORPORATION

Rental Operations
Comparison of Projects in Operation
Excluding Downtown Eastside Residences
and Cedarwood Seniors' Project

	Average Monthly Amount Per Unit			% Change 1989 Budget over 1988 Actual
	1987 Actual	1988 Actual	1989 Budget	
<u>Revenue</u>				
Rents (including subsidies)	\$485.15	\$499.38	\$514.59	+ 3.0
Miscellaneous Income	6.79	6.11	6.39	+ 4.6
	<u>\$491.94</u>	<u>\$505.49</u>	<u>\$520.98</u>	+ 3.1
<u>Expenditure</u>				
Advertising	\$.80	\$.34	\$.64	+ 87.9
Gardening	6.14	9.64	9.36	- 2.9
Security	.45	1.05	.79	- 24.7
Garbage Removal	3.10	3.28	3.81	+ 16.2
Other Services & Supplies	2.89	3.40	2.99	- 12.0
Repairs & Maintenance	18.23	20.82	20.03	- 3.8
Decorating & Cleaning	19.01	16.64	18.99	+ 14.2
Utilities	19.01	17.83	19.56	+ 9.7
Site Management Costs	24.57	27.09	27.76	+ 2.5
Provision for Doubtful Accounts	.97	.45	1.22	+173.0
Insurance	5.81	5.77	5.16	- 11.2
Property Taxes & Sewer Rates	56.81	59.58	61.20	+ 2.7
Management Fee	26.00	27.04	28.38	+ 5.0
Total Operating	183.79	192.93	199.89	+ 3.6
Replacement Reserve	44.14	44.14	44.14	
Extraordinary Items	.94	3.39	11.55	+240.8
Net Debt	<u>255.63</u>	<u>252.17</u>	<u>247.31</u>	- 1.9
	<u>\$484.50</u>	<u>\$492.63</u>	<u>\$502.89</u>	+ 2.1
Net Operating Surplus/(Deficit) before adjustments	<u>\$ 7.44</u>	<u>\$ 12.86</u>	<u>\$ 18.09</u>	

GREATER VANCOUVER HOUSING CORPORATION

Long-Term and Ongoing Role

1. To provide a continuing supply of non-profit rental housing for those of low and moderate income.
2. To interpret and utilize the Federal and Provincial Housing assistance and subsidy programs to provide the most effective means of delivering non-profit rental housing.
3. To provide such housing fully in accordance with Regional and Municipal objectives and approval.
4. To continually review design, quality and construction techniques to ensure that optimum capital cost is realized in conjunction with long-term tenant satisfaction.
5. To provide a Property Management function for the housing produced which is practical and efficient, yet has a sensitivity to the concerns of tenants who are on low and moderate income.
6. To maintain, as far as possible, full rental occupancy throughout the portfolio.
7. To collect full rents as they become due and keep bad debts to a minimum.
8. To carefully adhere to pre-planned short, medium and long-run maintenance and preventative maintenance programs.
9. To prepare financially for maintenance programs and to provide for the necessary reserves to achieve this.
10. To continue to research the need for affordable seniors' accommodation and to promote design criteria to meet the special needs of seniors.
11. To continue providing operational management of the Greater Vancouver Housing Corporation stock of housing units which has accumulated since 1976 as follows:

<u>Year</u>	<u>No. of Housing Units Delivered</u>	<u>Cumulative Total</u>
1976	202	202
1977	181	383
1978	-	383
1979	258	641
1980	127	768
1981	335	1,103
1982	1,032	2,135
1983	313	2,448
1984	466	2,914
1985	170	3,084
1986	-	3,084
1987	73	3,157
1988	-	3,156 *

* one single family home in Surrey has been deleted.

GREATER VANCOUVER HOUSING CORPORATION

Long-Term and Ongoing Role (Continued)

<u>Municipality</u>	<u>Completed and Rented</u>
Burnaby	248
Coquitlam	183
Delta	90
New Westminster	142
North Vancouver City	91
Port Coquitlam	313
Port Moody	52
Richmond	514
Surrey	665
Vancouver	858
 TOTALS	 <u>3,156</u>

1989 Short-Term Objectives

1. To continue to pursue means of acquiring units specific to the needs of seniors by utilizing land-lease agreements with member municipalities.
2. To improve the landscaping at existing projects to meet the Corporation's standards.
3. To implement modest rent increases to meet increasing operating costs and at the same time hold the vacancy rate at a modest level.
4. To increase the level of subsidies available at appropriate projects.
5. To approach C.M.H.C. in an attempt to increase the level of Replacement Reserve permitted.

Review of Prior Year's Objectives

From almost every aspect, 1988 was a very positive year. Revenue was up, largely due to a better than budgeted occupancy rate. Expenditures were held to an acceptable level although considerably extra funds were expended on landscaping to overcome inadequate programs in the previous two years.

The overall tightening in the private marketplace and increasing home prices have meant a more stable rental client. Lack of alternatives has resulted in an improved tenant turnover rate and a more reliable and responsible tenant.

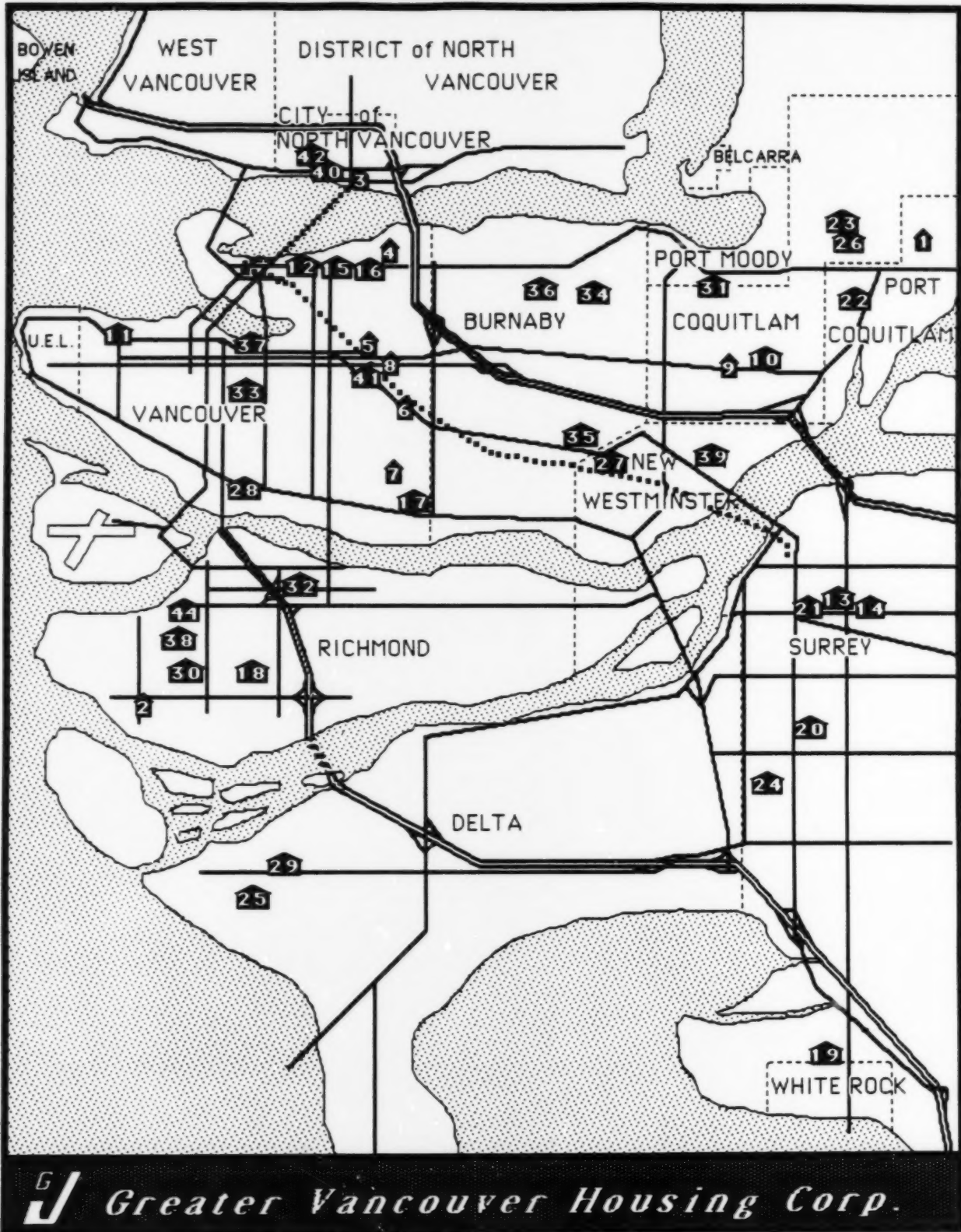
GREATER VANCOUVER HOUSING CORPORATION

Review of Prior Year's Objectives (continued)

1989 saw the seniors' project in Richmond (73-unit Cedarwood Place) experience its first full year of operation. After a few minor start-up problems, the facility has lived up to the Corporation's and tenants' expectations. The year-end waiting list of approximately 150 indicates a strong requirement for additional seniors' housing, similar to Cedarwood Place, in Richmond.

The GVHC also developed and built its first project for seniors located in the Township of Richmond in 1987. This project, Cedarwood Place, was made available for occupancy January, 1988. Applications far exceeded the number of units available. However, after considerable time spent by staff in screening, establishing priorities and conducting personal interviews, the project appears to be well received and certainly fulfills a demonstrated need.

The Board has indicated its desire to continue to provide seniors' housing and the Corporation will be working towards a stronger partnership with member municipalities in acquiring more affordable projects for our seniors.



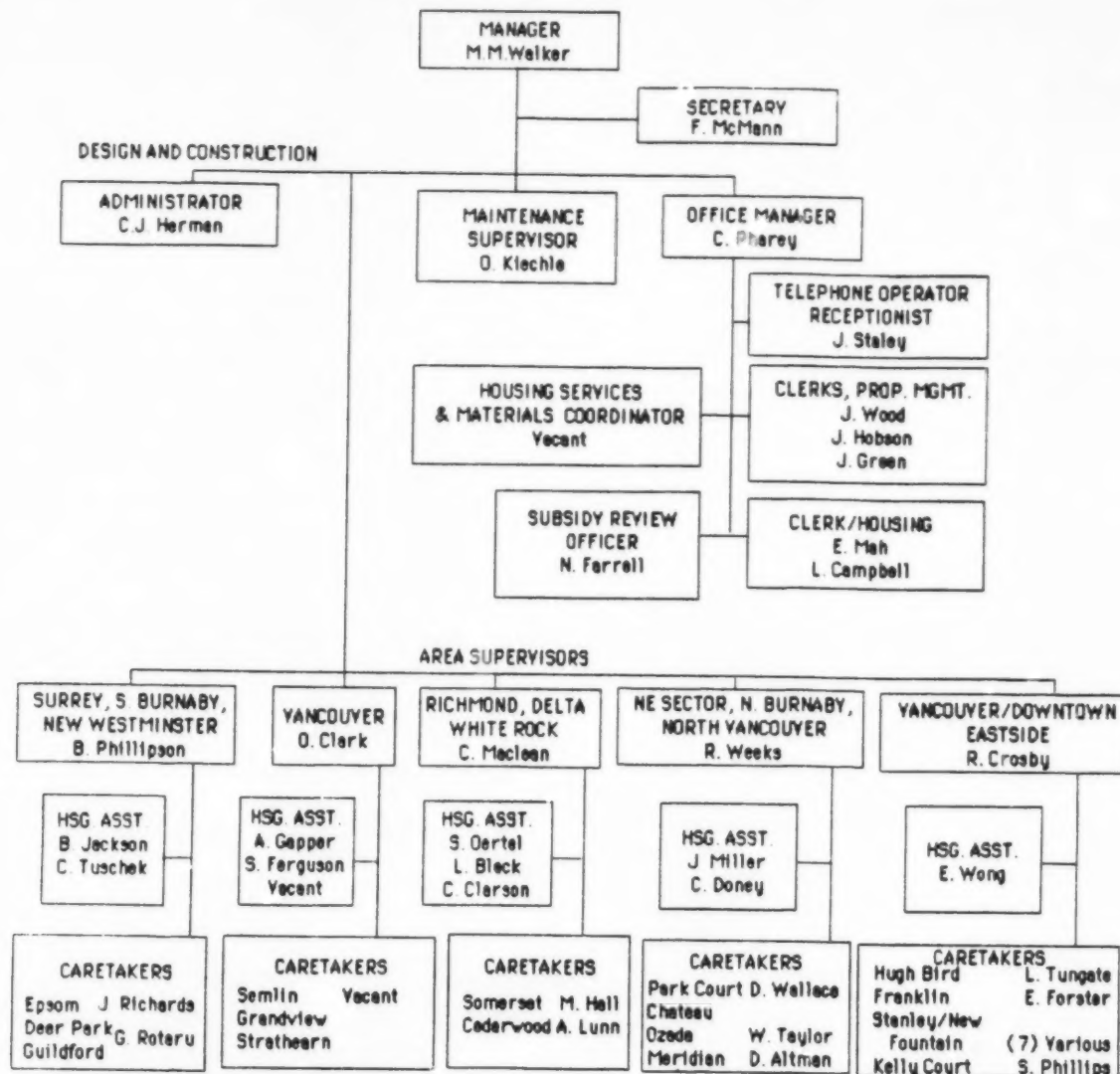
Map No.	Project Name	Address	Municipality	Units
1	MERIDIAN VILLAGE	3156 Coast Meridian Road	PORT COQUITLAM	202
2	MINATO WEST	4151 Regent Street	RICHMOND	110
3	ST. ANDREWS PLACE	95 St. Andrews Ave.	NORTH VAN	15
4	SEMLIN TERRACE	100 Semlin Drive	VANCOUVER	36
5	GRANDVIEW GARDENS	2535 No. Grandview Hwy.	VANCOUVER	20
6	EUCLED SQUARE	3485 Foster Avenue	VANCOUVER	33
7	EARLE ADAMS VILLAGE	7550 Northumberland Ave.	VANCOUVER	105
8	KELLY COURT	2929 Nootka Street	VANCOUVER	45
9	PARK COURT	100 Nelson Street	COQUITLAM	30
10	LE CHATEAU PLACE	312 Schoolhouse Street	COQUITLAM	24
11	HABITAT VILLA	West 2nd Avenue and Wallace	VANCOUVER	36
12	STANLEY NEW FOUNTAIN	36 Blood Alley Square	VANCOUVER	103
13	GUILDFORD GLEN	14860-101A Avenue	SURREY	79
14	KINGSTON GARDENS I, II, III	15385 - 99th Avenue	SURREY	144
	KINGSTON GARDENS IV	15385 - 99th Avenue	SURREY	48
15	HUGH BIRD RESIDENCE	420 E. Cordova Street	VANCOUVER	64
16	FRANKLIN RESIDENCE	1721 Franklin Street	VANCOUVER	32
17	TIVOLI GARDENS	3501 Naples Way	VANCOUVER	151
18	ADELAIDE COURT	10771 Auburn Drive	RICHMOND	68
19	SOMERSET GARDENS	1821 Southmere Cres. East	WHITE ROCK	166
20	EPSOM DOWNS	*38 - 13699-76th Avenue	SURREY	108
21	SUTTON PLACE	13834-102nd Avenue	SURREY	83
22	RIVER PLACE	2466 Gately Avenue	PORT COQUITLAM	111
23	OSADA VILLAGE	1205 Pipeline Road	COQUITLAM	61
24	DEER PARK LANE	6717-131st Street	SURREY	31
25	EVERGREEN DOWNS	4600 Evergreen Lane	DELTA	38
26	MALASPINA VILLAGE	1144 Inlet Drive	COQUITLAM	67
27	LONDON SQUARE	1206A London Street	NEW WEST	48
28	ASHDOWN GARDENS	590 S.V. Marine Drive	VANCOUVER	30
29	LYNDEN COURT	5500-488 Avenue	DELTA	51
30	MAPLE VINE COURT	7500 Francis Road	RICHMOND	82
31	MORAY PLACE	125 Moray Street	PORT MOODY	52
32	KNIGHTSBRIDGE I	12551 Cambie Road	RICHMOND	80
	KNIGHTSBRIDGE II	12571 Cambie Road	RICHMOND	80
33	HEATHER PLACE	*1 - 774 West 13th Avenue	VANCOUVER	86
34	RAN BEAMISH PLACE	8750 Maple Grove Cr.	BURNABY	122
35	EASTBURN SQUARE	7730 Sixth Street	BURNABY	30
36	GREYSTONE VILLAGE	7485 Woodbrook Place	BURNABY	96
37	STRATHEARN COURT	1873 Spyglass Place	VANCOUVER	96
38	MOFFATT PARK	7660 Moffatt Road	RICHMOND	21
39	McBRIDE PLACE	431 Ginger Drive	NEW WEST	94
40	WALNUT GARDENS	601 West Keith Road	NORTH VAN	26
41	HEMLOCK COURT	1411 East 17th Ave.	VANCOUVER	21
42	PINEWOOD PLACE	850 West 17th St.	NORTH VAN	50
43	SINGLE FAMILY HOMES	Scattered	SURREY, DELTA, COQ.	8
44	CEDARWOOD PLACE	7260 Granville Avenue	RICHMOND	73

Total: 3,156

Housing Stock as at December 31, 1988

Project Name	Municipality	Townhouses	Apartments	Handicap Units	Senior Citizens Apartments	Single Family Dwellings	Furnished Suites /Rooms	Total
1 MERIDIAN VILLAGE	PORT COQUITLAM	130	47	5	20			202
2 MINATO WEST	RICHMOND	80	28	2				110
3 ST. ANDREWS PLACE	NORTH VAN.		15					15
4 SEMLIN TERRACE	VANCOUVER	36						36
5 GRANDVIEW GARDENS	VANCOUVER	20						20
6 EUCLID SQUARE	VANCOUVER	17	12	4				33
7 EARLE ADAMS VILLAGE	VANCOUVER	98		7				105
8 KELLY COURT	VANCOUVER			45				45
9 PARK COURT	COQUITLAM		30					30
10 LE CHATEAU PLACE	COQUITLAM		24					24
11 HABITAT VILLA	VANCOUVER	28	4	4				36
12 STANLEY NEW FOUNTAIN	VANCOUVER						103	103
13 GUILDFORD GLEN	SURREY	42	29	8				79
14 KINGSTON GARDENS IV	SURREY	48						48
14 KINGSTON GARDENS	SURREY	144						144
15 HUGH BIRD RESIDENCE	VANCOUVER						64	64
16 FRANKLIN HOUSE	VANCOUVER			5			27	32
17 TIVOLI GARDENS	VANCOUVER	139		12				151
18 ADELAIDE COURT	RICHMOND	62		6				68
19 SOMERSET GARDENS	SURREY		160	6				166
20 EPSOM DOWNS	SURREY	108						108
21 SUTTON PLACE	SURREY	83						83
22 RIVER PLACE	PORT COQUITLAM	110		1				111
23 OZADA VILLAGE	COQUITLAM		61					61
24 DEER PARK LANE	SURREY					31		31
25 EVERGREEN DOWNS	DELTA		38					38
26 MALASPINA VILLAGE	COQUITLAM	67						67
27 LONDON SQUARE	NEW WEST	48						48
28 ASHDOWN GARDENS	VANCOUVER	30						30
29 LYNDEN COURT	DELTA	51						51
30 MAPLE VINE COURT	RICHMOND	24	58					82
31 MORAY PLACE	PORT MOODY	52						52
32 KNIGHTSBRIDGE I	RICHMOND	80						80
32 KNIGHTSBRIDGE II	RICHMOND	78		2				80
33 HEATHER PLACE	VANCOUVER	81		5				86
34 RAN BEAMISH PLACE	BURNABY	122						122
35 EASTBURN SQUARE	BURNABY	30						30
36 GREYSTONE VILLAGE	BURNABY	96						96
37 STRATHEARN COURT	VANCOUVER	15	79	2				96
38 MOFFATT PARK	RICHMOND	21						21
39 McBRIDE PLACE	NEW WEST.	94						94
40 WALNUT GARDENS	NORTH VAN.	26						26
41 HEMLOCK COURT	VANCOUVER	21						21
42 PINWOOD PLACE	NORTH VAN.	50						50
43 SINGLE FAMILY HOMES						8		8
44 CEDARWOOD PLACE	RICHMOND				73			73
TOTAL:		2,131	585	114	93	39	194	3,156

GREATER VANCOUVER HOUSING CORPORATION 1989 ORGANIZATIONAL CHART



Actual Dec. 31, 1988		Approved Dec. 31, 1988	1989 Changes	Total
2	Management	2	-	2
1	Design & Construction	1	-	1
9	Administration & Pty Manage.	11	-1	10
5	Area Supervisors	5	-	5
10	Housing Assistants	11	-	11
11	Caretakers	12	-1	11
7	Downtown Eastside Support Staff	7		7
45	Totals	49	-2	47

GREATER VANCOUVER HOUSING CORPORATION

Revenue and Expenditure Budget Summary
Rental Operations
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Section 15 Projects</u>			
Net Surplus/(Deficit) on Operations	\$ 66,292	\$ 188,645	\$ 56,190
Transfer from Non-Rental Operations		64,251	181,802
Transfer to Replacement Reserve	(66,292)	(252,896)	(237,992)
	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>
<u>Section 56.1 Projects</u>			
Net Surplus/(Deficit) on Operations before subsidy reserve transfer	(125,135)	208,806	461,970
Adjustments			
- Surplus payable to CMHC		(108,666)	(434,428)
- Net Transfer to Subsidy Reserve	(32,028)	(100,140)	(27,542)
	<u>(157,163)</u>	<u>NIL</u>	<u>NIL</u>
<u>Seniors' Projects</u>			
Net Surplus/(Deficit) on Operations Payable to B.C. Housing Management Commission		2,742	
		(2,742)	
	<u>NIL</u>	<u>NIL</u>	<u>NIL</u>
Net Surplus/(Deficit) on Total Operations	<u>\$(157,163)</u>	<u>\$ NIL</u>	<u>\$ NIL</u>

GREATER VANCOUVER HOUSING CORPORATION
Revenue and Expenditure Budget Summary
Non-Rental Operations
Year Ending December 31, 1989

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Interest on Capital Reserve Fund	\$499,500	\$520,858	\$483,300
Other Interest	<u>(22,300)</u>	<u>287,551</u>	<u>90,100</u>
	<u>\$477,200</u>	<u>\$808,409</u>	<u>\$573,400</u>
<u>Expenditure</u>			
Property Management (net) (Schedule 7)	\$ 53,759	\$171,931	\$ 63,483
Property Development Admini- stration (net) (Schedule 8)	74,829	79,032	89,649
Corporate Administration			
- Central Administrative Services Allocated	7,000	7,000	9,000
- Corporate Services Allocated	5,600	5,600	6,000
- Administrative Offices Allocated	59,400	59,241	62,000
Contribution to Rental Operations	<u>64,251</u>	<u>64,251</u>	<u>181,802</u>
	<u>\$200,588</u>	<u>\$387,055</u>	<u>\$411,934</u>
Net Income contributed to Capital Reserve Fund	<u>\$276,612</u>	<u>\$421,354</u>	<u>\$161,466</u>

GREATER VANCOUVER HOUSING CORPORATION

Schedule 3

Summary of Net Income/(Deficit) before Adjustments

	1988 Final Budget	1988 Actual	1989 Final Budget
Section 15 Projects			
Earle Adams Village	\$ 76,471	\$ 90,998	\$ 98,457
Euclid Square	23,707	16,771	28,021
Grandview Gardens	6,635	8,908	5,602
Kelly Court	(1,586)	10,625	(13,602)
Meridian Village	(129,791)	(54,312)	(126,292)
Minato West	79,286	93,887	73,623
St. Andrew's Place	(18,878)	(9,939)	(41,908)
Semlin Terrace	30,448	31,707	32,289
Total Section 15 Projects	<u>66,292</u>	<u>188,645</u>	<u>56,190</u>
Section 56.1 Projects			
Adelaide Court	84,469	73,870	114,705
Ashdown Gardens	(19,230)	(4,078)	(6,844)
Chateau Place	7,606	15,457	10,197
Deer Park Lane	(39,898)	(25,449)	(26,486)
Eastburn Square	897	7,784	1,948
Epsom Downs	(126,820)	(112,517)	(83,959)
Evergreen Downs	(16,612)	(1,673)	(10,307)
Franklin House	(20,454)	1,721	(23,193)
Greystone Village	2,601	31,779	55,786
Guildford Glen	15,912	40,029	9,090
Habitat Villa	120,434	121,490	142,027
Heather Place	2,270	21,807	44,331
Hemlock Court	2,692	6,719	3,770
Hugh Bird Residence	38,277	41,449	29,246
Kingston Gardens	(1,377)	37,713	12,199
Kingston Gardens IV	(40,329)	(34,112)	(41,175)
Knightsbridge I	29,041	29,513	61,868
Knightsbridge II	64,804	78,257	100,674
London Square	(29,881)	(15,471)	(327)
Lynden Court	(7,583)	(36,097)	(2,594)
Malaspina Village	(53,163)	(15,400)	(30,159)
Maple Vine Court	(5,189)	19,120	1,893
McBride Place	3,490	(11,498)	18,515
Moffatt Park	13,535	15,320	14,110
Moray Place	(36,247)	(8,179)	(19,857)
Ozada Village	(48,616)	(20,368)	(41,626)
Park Court	4,202	5,852	5,332
Pinewood Place	36,308	44,651	46,019
Ran Beamish Place	57,481	71,949	111,327
River Place	(197,633)	(182,988)	(159,943)
Single Family Homes	13,201	3,620	10,915
Somerset Gardens	(49,884)	(65,046)	(5,632)
Stanley/New Fountain	(24,364)	(90,809)	(114,240)
Strathearn Court	93,580	92,529	92,886
Sutton Place	(111,416)	(85,083)	(71,785)
Tivoli Gardens	104,639	131,132	199,749
Walnut Gardens	8,122	25,813	13,510
Total Section 56.1 Projects	<u>(125,135)</u>	<u>208,806</u>	<u>461,970</u>
Senior Projects			
Cedarwood Place		2,742	
Total Operating Deficit before adjustments	<u>\$ (58,843)</u>	<u>\$ 400,193</u>	<u>\$ 518,160</u>

GREATER VANCOUVER HOUSING CORPORATION

Schedule 4

Rental Operations
1989 Final Budget

Summary by Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$17,968,867	\$18,260,469	\$18,757,339
Joint Federal/Provincial Rental Assistance	541,601	519,652	552,256
Miscellaneous Income	222,900	223,938	229,200
<u>Total Revenue</u>	<u>\$18,733,368</u>	<u>\$19,004,059</u>	<u>\$19,538,795</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 36,750	\$ 12,187	\$ 22,163
Gardening	311,397	335,546	324,277
Security	18,850	36,467	28,453
Garbage Removal	127,400	117,386	137,221
Other services & supplies	133,050	145,615	131,972
Repairs & Maintenance	694,971	757,561	735,275
Decorating & Cleaning	728,450	598,171	682,400
Utilities	822,020	718,254	782,580
Site Management	1,197,475	1,226,922	1,291,056
Provision for Doubtful Accounts	86,250	72,458	81,148
<u>Total Variable Costs</u>	<u>4,156,613</u>	<u>4,020,567</u>	<u>4,216,545</u>
Fixed Costs			
Insurance	237,220	230,340	213,242
Property Taxes & Sewer Rates	2,162,270	2,127,478	2,203,050
Management Fee	985,274	985,270	1,034,125
Provision for Replacement Reserve	1,593,608	1,598,003	1,598,003
Land Rental	46,350	42,488	46,350
<u>Total Fixed Costs</u>	<u>5,024,722</u>	<u>4,983,579</u>	<u>5,094,770</u>
<u>Total Operating Costs</u>	<u>9,181,335</u>	<u>9,004,146</u>	<u>9,311,315</u>
Debt Charges	21,585,977	21,626,383	22,152,125
Less: Federal Mortgage Assistance	(12,210,901)	(12,151,199)	(12,844,805)
<u>Net Debt Charges</u>	<u>9,375,076</u>	<u>9,475,184</u>	<u>9,307,320</u>
Extraordinary Items			
Minor Capital Improvements	30,300	25,646	
Other	205,500	98,890	402,000
	<u>235,800</u>	<u>124,536</u>	<u>402,000</u>
<u>Total Expenditure</u>	<u>\$18,792,211</u>	<u>\$18,603,866</u>	<u>\$19,020,635</u>
<u>Net Income/(Deficit)</u>	<u>\$ (58,843)</u>	<u>\$ 400,193</u>	<u>\$ 518,160</u>

GREATER VANCOUVER HOUSING CORPORATION

Rental Operations
Section 15 Projects
1989 Final Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$3,142,845	\$3,151,440	\$3,216,403
Joint Federal/Provincial			
Rental Assistance	185,340	185,143	185,440
Miscellaneous Income	30,600	31,221	29,900
<u>Total Revenue</u>	<u>\$3,358,785</u>	<u>\$3,367,804</u>	<u>\$3,431,743</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 4,650	\$ 873	\$ 3,363
Gardening	54,709	73,281	54,755
Security	7,450	11,982	7,823
Garbage Removal	23,200	22,803	24,361
Other Services & Supplies	18,850	16,757	18,468
Repairs & Maintenance	180,700	169,633	183,300
Decorating & Cleaning	138,750	98,240	133,000
Utilities	165,442	151,281	166,250
Site Management	176,979	188,220	197,500
Provision for Doubtful Accounts	11,735	(5,018)	3,953
<u>Total Variable Costs</u>	<u>782,465</u>	<u>728,052</u>	<u>792,773</u>
Fixed Costs			
Insurance	36,575	34,111	32,943
Property Taxes & Sewer Rates	354,110	352,940	358,730
Management Fee	183,656	183,658	192,821
Provision for Replacement Reserve	189,856	189,853	189,855
<u>Total Fixed Costs</u>	<u>764,197</u>	<u>760,562</u>	<u>774,349</u>
<u>Total Operating Costs</u>	<u>1,546,662</u>	<u>1,488,614</u>	<u>1,567,122</u>
<u>Debt Charges</u>	<u>1,671,931</u>	<u>1,671,931</u>	<u>1,671,931</u>
Extraordinary Items			
Minor Capital Improvements	800	3,268	
Other	73,100	15,346	136,500
	<u>73,900</u>	<u>18,614</u>	<u>136,500</u>
<u>Total Expenditure</u>	<u>\$3,292,493</u>	<u>\$3,179,159</u>	<u>\$3,375,553</u>
<u>Net Income/(Deficit)</u>	<u>\$ 66,292</u>	<u>\$ 188,645</u>	<u>\$ 56,190</u>

GREATER VANCOUVER HOUSING CORPORATION

Schedule 6

Rental Operations
Section 56.1 Projects
1989 Final Budget
By Object of Expenditure

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$14,586,872	\$14,899,019	\$15,335,449
Joint Federal/Provincial			
Rental Assistance	66,816	61,860	66,704
Miscellaneous Income	190,300	188,975	193,800
<u>Total Revenue</u>	<u>\$14,843,988</u>	<u>\$15,149,854</u>	<u>\$15,595,953</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 32,100	\$ 11,166	\$ 18,800
Gardening	256,388	260,509	269,207
Security	11,400	24,485	20,630
Garbage Removal	102,400	93,496	110,970
Other Services & Supplies	110,200	121,932	109,304
Repairs & Maintenance	509,971	584,439	547,245
Decorating & Cleaning	584,300	496,249	542,000
Utilities	615,578	532,381	584,550
Site Management	990,496	1,018,651	1,067,212
Provision for Doubtful Accounts	73,215	77,476	76,545
<u>Total Variable Costs</u>	<u>3,286,048</u>	<u>3,220,784</u>	<u>3,346,463</u>
Fixed Costs			
Insurance	197,645	195,012	176,721
Property Taxes & Sewer Rates	1,768,160	1,768,354	1,818,870
Management Fee	784,098	784,096	822,908
Provision for Replacement Reserve	1,380,312	1,380,314	1,380,312
<u>Total Fixed Costs</u>	<u>4,130,215</u>	<u>4,127,776</u>	<u>4,198,811</u>
<u>Total Operating Costs</u>	<u>7,416,263</u>	<u>7,348,560</u>	<u>7,545,274</u>
Debt Charges	19,601,861	19,639,168	20,168,014
Less: Federal Mortgage Assistance	(12,210,901)	(12,151,199)	(12,844,805)
<u>Net Debt Charges</u>	<u>7,390,960</u>	<u>7,487,969</u>	<u>7,323,209</u>
Extraordinary Items			
Minor Capital Improvements	29,500	21,830	
Other	132,400	82,689	265,500
	<u>161,900</u>	<u>104,519</u>	<u>265,500</u>
<u>Total Expenditure</u>	<u>\$14,969,123</u>	<u>\$14,941,048</u>	<u>\$15,133,983</u>
<u>Net Income/(Deficit)</u>	<u>\$ (125,135)</u>	<u>\$ 208,806</u>	<u>\$ 461,970</u>

GREATER VANCOUVER HOUSING CORPORATION

Property Management

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Expenditure</u>			
Salaries & employee benefits	\$ 419,923	\$ 500,864	\$ 394,986
Board vehicles	5,000	2,024	2,770
Travel	7,500	5,800	10,400
Consultants	5,000	42,495	26,000
Other services & supplies	5,000	39,675	41,239
Central Administrative Services allocated	396,050	390,354	441,000
Indirect departmental costs allocated	170,900	146,011	151,163
Corporate Services allocated	<u>29,660</u>	<u>29,978</u>	<u>30,050</u>
Total Expenditure	1,039,033	1,157,201	1,097,608
Recoverable from management fee charged to rental operations	<u>(985,274)</u>	<u>(985,270)</u>	<u>(1,034,125)</u>
Net amount transferred to non-rental operations	<u>\$ 53,759</u>	<u>\$ 171,931</u>	<u>\$ 63,483</u>
Number of rental units under management at January 1	<u>3,157</u>	<u>3,156</u>	<u>3,156</u>

GREATER VANCOUVER HOUSING CORPORATION
Property Development Administration

	<u>1988 Final Budget</u>	<u>1988 Actual</u>	<u>1989 Final Budget</u>
<u>Expenditure</u>			
Salaries & employee benefits	\$ 58,300	\$ 60,894	\$ 63,184
Board vehicles & mileage	2,500	1,574	1,390
Materials, supplies & other services	500	389	520
Indirect departmental costs allocated	<u>24,400</u>	<u>23,230</u>	<u>24,555</u>
Total Expenditure	85,700	86,087	89,649
Recoverable from capital project	<u>(10,871)</u>	<u>(7,055)</u>	<u> </u>
Net amount transferred to non-rental operations	<u>\$ 74,829</u>	<u>\$ 79,032</u>	<u>\$ 89,649</u>

NOTE:

Costs of property development administration are charged to a separate account to which is credited the Corporation's fees charged to capital projects.

GREATER VANCOUVER HOUSING CORPORATION

Indirect Departmental Costs

	1988 Final Budget	1988 Actual	1989 Final Budget
Audit	\$ 22,730	\$	\$
Legal	3,000		
Corporate Services allocated	5,450	5,434	5,750
Office expenses			
Postage	3,000	1,806	3,120
Telephone	15,600	18,882	16,540
Equipment replacement & maintenance	11,000	10,266	11,440
Computer operating costs allocated	5,800	4,029	7,700
Duplicating	6,000	5,269	6,240
Supplies & services	22,100	21,839	22,520
Office Building rental	<u>115,200</u>	<u>114,907</u>	<u>115,800</u>
	209,880	182,432	189,110
Less: Allocated as an override on salaries & wages to property management & property development administration	<u>(209,880)</u>	<u>(182,432)</u>	<u>(189,110)</u>
	<u>\$ NIL</u>	<u>\$ NIL</u>	<u>\$ NIL</u>

GREATER VANCOUVER HOUSING CORPORATION

Site Management

	1988 Final Budget	1988 Actual	1989 Final Budget
Labour & employee benefits	\$ 859,374	\$ 894,127	\$ 928,104
Board vehicles & mileage	60,600	62,017	62,296
Telephone	36,700	40,504	38,168
Other services	14,300	16,759	16,121
Provision for equipment replacement	3,700	5,136	3,848
	974,674	1,018,543	1,048,537
Less: Costs allocated to projects	(974,674)	(1,018,543)	(1,048,537)
	<u>\$ NIL</u>	<u>\$ NIL</u>	<u>\$ NIL</u>

Maintenance Supervision

	1988 Final Budget	1988 Actual	1989 Final Budget
Salary & employee benefits	\$ 52,493	\$ 57,188	\$ 61,346
Board vehicle	4,050	4,472	4,472
Other services	500	370	520
	57,043	62,030	66,338
Less: Maintenance supervision allocated to projects	(57,043)	(62,030)	(66,338)
	<u>\$ NIL</u>	<u>\$ NIL</u>	<u>\$ NIL</u>

NOTE:

The direct costs of the area staff and most site staff, and the maintenance supervisor are charged to separate accounts and allocated to projects based on the number of units in the projects.

GREATER VANCOUVER HOUSING CORPORATION

1989 Project Budgets

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GREATER VANCOUVER HOUSING CORPORATION

Adelaide Court - 68 Units
10771 Auburn Drive
Richmond

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 447,303	\$ 442,483	\$ 490,896
Miscellaneous Income	3,100	3,449	3,100
<u>Total Revenue</u>	<u>\$ 450,403</u>	<u>\$ 445,932</u>	<u>\$ 493,996</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,500	\$ 1,222	\$ 1,575
Gardening	9,669	3,602	10,152
Garbage Removal	2,150	2,212	2,258
Other Services & Supplies	2,300	4,176	2,415
Repairs & Maintenance	13,750	14,908	15,195
Decorating & Cleaning	12,950	13,715	13,350
Utilities	12,405	8,894	9,560
Site Management	19,965	21,729	21,400
Provision for Doubtful Accounts	339	918	761
Total Variable Costs	<u>75,028</u>	<u>71,376</u>	<u>76,666</u>
Fixed Costs			
Insurance	4,975	4,816	4,447
Property Taxes & Sewer Rates	44,957	43,517	44,300
Management Fee	22,065	22,065	23,166
Provision for Replacement Reserve	39,504	39,504	39,504
Total Fixed Costs	<u>111,501</u>	<u>109,902</u>	<u>111,417</u>
Total Operating Costs	<u>186,529</u>	<u>181,278</u>	<u>188,083</u>
Debt Charges	472,082	480,294	514,164
Less: Federal Mortgage Assistance	(292,677)	(303,010)	(337,956)
Net Debt Charges	<u>179,405</u>	<u>177,284</u>	<u>176,208</u>
Extraordinary Items			
Other		13,500	15,000
<u>Total Expenditure</u>	<u>\$ 365,934</u>	<u>\$ 372,062</u>	<u>\$ 379,291</u>
Net Income/(Deficit)	<u>\$ 84,469</u>	<u>\$ 73,870</u>	<u>\$ 114,705</u>

GREATER VANCOUVER HOUSING CORPORATION

Ashdown Gardens - 30 Units
590 S.W. Marine Drive
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 165,857	\$ 168,561	\$174,830
Miscellaneous Income	2,500	2,340	2,500
<u>Total Revenue</u>	<u>\$ 168,357</u>	<u>\$ 170,901</u>	<u>\$ 177,330</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,600	\$ 299	\$ 500
Gardening	4,029	2,962	4,230
Security		63	
Garbage Removal	700	597	735
Other Services & Supplies	1,200	1,815	1,260
Repairs & Maintenance	6,350	5,058	6,925
Decorating & Cleaning	8,700	3,877	8,700
Utilities	7,970	5,306	6,440
Site Management	10,148	10,121	10,800
Provision for Doubtful Accounts	110	(3)	354
<u>Total Variable Costs</u>	<u>40,807</u>	<u>30,095</u>	<u>39,944</u>
Fixed Costs			
Insurance	2,156	2,077	1,930
Property Taxes	14,076	14,033	14,860
Management Fee	9,734	9,734	10,220
Provision for Replacement Reserve	17,092	17,092	17,092
<u>Total Fixed Costs</u>	<u>43,058</u>	<u>42,936</u>	<u>44,102</u>
<u>Total Operating Costs</u>	<u>83,865</u>	<u>73,031</u>	<u>84,046</u>
Debt Charges	259,893	259,996	278,280
Less: Federal Mortgage Assistance	(158,171)	(158,048)	(178,152)
<u>Net Debt Charges</u>	<u>101,722</u>	<u>101,948</u>	<u>100,128</u>
Extraordinary Items			
Other	2,000		
<u>Total Expenditure</u>	<u>\$ 187,587</u>	<u>\$ 174,979</u>	<u>\$ 184,174</u>
<u>Net Income/(Deficit)</u>	<u>\$ (19,230)</u>	<u>\$ (4,078)</u>	<u>\$ (6,844)</u>

GREATER VANCOUVER HOUSING CORPORATION

Cedarwood Place - 73 Units
7260 Granville Avenue
Richmond, B.C.

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 239,150	\$ 210,010	\$ 205,487
Joint Federal/Provincial			
Rental Assistance	289,445	269,907	300,112
Miscellaneous Income	2,000	3,742	5,500
<u>Total Revenue</u>	<u>\$ 530,595</u>	<u>\$ 483,659</u>	<u>\$ 511,099</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$	\$ 148	\$
Gardening	300	1,756	315
Garbage Removal	1,800	1,087	1,890
Other Services & Supplies	4,000	6,926	4,200
Repairs & Maintenance	4,300	3,489	4,730
Decorating & Cleaning	5,400	3,682	7,400
Utilities	41,000	34,592	31,780
Site Management	30,000	20,051	26,344
Provision for Doubtful Accounts	1,300		650
<u>Total Variable Costs</u>	<u>88,100</u>	<u>71,731</u>	<u>77,309</u>
Fixed Costs			
Insurance	3,000	1,217	3,578
Property Taxes & Sewer Rates	40,000	6,184	25,450
Management Fee	17,520	17,516	18,396
Provision for Replacement Reserve	23,440	27,836	27,836
Land Rental	46,350	42,488	46,350
<u>Total Fixed Costs</u>	<u>130,310</u>	<u>95,241</u>	<u>121,610</u>
<u>Total Operating Costs</u>	<u>218,410</u>	<u>166,972</u>	<u>198,919</u>
Debt Charges	312,185	315,284	312,180
Extraordinary Items			
Minor Capital Improvements		548	
Other		855	
		1,403	
<u>Total Expenditure</u>	<u>\$ 530,595</u>	<u>\$ 483,659</u>	<u>\$ 511,099</u>
Net Income/(Deficit)	\$ 0	\$ 0	\$ 0

GREATER VANCOUVER HOUSING CORPORATION

Chateau Place - 24 Units
312 Schoolhouse Street
Coquitlam

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 119,845	\$ 123,183	\$ 122,906
Miscellaneous Income	3,000	3,151	3,000
<u>Total Revenue</u>	<u>\$ 122,845</u>	<u>\$ 126,334</u>	<u>\$ 125,906</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 300	\$	\$ 315
Gardening	3,223	3,272	3,384
Security	100		105
Garbage Removal	700	612	735
Other Services & Supplies	1,100	1,561	1,155
Repairs & Maintenance	10,200	11,952	10,630
Decorating & Cleaning	13,200	4,150	8,200
Utilities	18,737	17,343	20,460
Site Management	5,854	7,344	7,200
Provision for Doubtful Accounts	1,519	1,201	1,536
Total Variable Costs	54,933	47,435	53,720
Fixed Costs			
Insurance	1,593	1,498	1,432
Property Taxes	17,317	17,781	17,780
Management Fee	7,787	7,788	8,176
Provision for Replacement Reserve	5,117	5,117	5,117
Total Fixed Costs	31,814	32,184	32,505
Total Operating Costs	86,747	79,619	86,225
Debt Charges	70,476	67,227	75,608
Less: Federal Mortgage Assistance	(42,584)	(39,356)	(49,124)
Net Debt Charges	27,892	27,871	26,484
Extraordinary Items			
Minor Capital Improvements		3,387	
Other	600		3,000
	600	3,387	3,000
<u>Total Expenditure</u>	<u>\$ 115,239</u>	<u>\$ 110,877</u>	<u>\$ 115,709</u>
Net Income/(Deficit)	\$ 7,606	\$ 15,457	\$ 10,197

GREATER VANCOUVER HOUSING CORPORATION

Deer Park Lane - 31 Units
6717 - 131st Street
Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 194,627	\$ 204,548	\$ 204,071
Miscellaneous Income		180	
<u>Total Revenue</u>	<u>\$ 194,627</u>	<u>\$ 204,728</u>	<u>\$ 204,071</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 100	\$	\$ 105
Gardening	9,669	10,129	10,152
Garbage Removal	2,100	1,773	2,205
Other Services & Supplies	500	1,241	525
Repairs & Maintenance	6,900	6,186	7,630
Decorating & Cleaning	7,800	7,959	5,800
Utilities	4,229	2,817	2,740
Site Management	10,630	10,274	10,100
Provision for Doubtful Accounts	1,731	1,162	912
<u>Total Variable Costs</u>	<u>43,659</u>	<u>41,541</u>	<u>40,169</u>
Fixed Costs			
Insurance	1,683	1,473	1,534
Property Taxes & Sewer Rates	36,527	36,561	38,780
Management Fee	10,059	10,059	10,561
Provision for Replacement Reserve	19,373	19,373	19,373
<u>Total Fixed Costs</u>	<u>67,642</u>	<u>67,466</u>	<u>70,248</u>
<u>Total Operating Costs</u>	<u>111,301</u>	<u>109,007</u>	<u>110,417</u>
Debt Charges	288,681	287,099	311,319
Less: Federal Mortgage Assistance	(168,457)	(166,615)	(191,179)
<u>Net Debt Charges</u>	<u>120,224</u>	<u>120,484</u>	<u>120,140</u>
Extraordinary Items			
Minor Capital Improvements		686	
Other	3,000		
	<u>3,000</u>	<u>686</u>	
<u>Total Expenditure</u>	<u>\$ 234,525</u>	<u>\$ 230,177</u>	<u>\$ 230,557</u>
<u>Net Income/(Deficit)</u>	<u>\$ (39,898)</u>	<u>\$ (25,449)</u>	<u>\$ (26,486)</u>

GREATER VANCOUVER HOUSING CORPORATION

Earle Adams Village - 105 Units
7550 Northumberland Avenue
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 664,261	\$ 663,716	\$ 678,911
Joint Federa/Provincial			
Rental Assistance	7,300	8,176	7,300
Miscellaneous Income	4,400	3,989	4,400
<u>Total Revenue</u>	<u>\$ 675,961</u>	<u>\$ 675,881</u>	<u>\$ 690,611</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 200	\$	\$ 210
Gardening	12,892	16,745	13,537
Garbage Removal	6,500	6,438	6,825
Other Services & Supplies	1,600	2,364	1,680
Repairs & Maintenance	23,600	30,699	26,170
Decorating & Cleaning	17,800	11,025	16,300
Utilities	18,619	16,828	16,510
Site Management	35,516	35,393	37,800
Provision for Doubtful Accounts	2,406	(3,479)	
<u>Total Variable Costs</u>	<u>119,133</u>	<u>116,013</u>	<u>119,032</u>
Fixed Costs			
Insurance	6,341	5,779	5,738
Property Taxes	68,993	66,662	68,660
Management Fee	34,070	34,070	35,771
Provision for Replacement Reserve	33,358	33,359	33,358
<u>Total Fixed Costs</u>	<u>142,762</u>	<u>139,870</u>	<u>143,527</u>
<u>Total Operating Costs</u>	<u>261,895</u>	<u>255,883</u>	<u>262,559</u>
Debt Charges	325,595	325,595	325,595
Extraordinary Items			
Other	12,000	3,405	4,000
<u>Total Expenditure</u>	<u>\$ 599,490</u>	<u>584,883</u>	<u>592,154</u>
Net Income/(Deficit)	<u>\$ 76,471</u>	<u>\$ 90,998</u>	<u>\$ 98,457</u>

GREATER VANCOUVER HOUSING CORPORATION

Eastburn Square - 30 Units
7730 - 6th Street
Burnaby

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 193,849	\$ 194,035	\$ 194,335
Miscellaneous Income	1,000	789	1,000
<u>Total Revenue</u>	<u>\$ 194,849</u>	<u>\$ 194,824</u>	<u>\$ 195,335</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 500	\$ 333	\$ 200
Gardening	4,029	2,950	4,230
Security	200	1,603	210
Garbage Removal	1,400	1,239	1,470
Other Services & Supplies	2,500	2,461	2,625
Repairs & Maintenance	6,500	6,401	7,090
Decorating & Cleaning	9,900	12,192	8,300
Utilities	4,716	4,122	4,810
Site Management	10,287	9,924	9,800
Provision for Doubtful Accounts	1,123	1,370	1,488
Total Variable Costs	<u>41,155</u>	<u>42,595</u>	<u>40,223</u>
Fixed Costs			
Insurance	2,250	2,193	2,009
Property Taxes & Sewer Rates	24,254	23,749	23,890
Management Fee	9,734	9,734	10,220
Provision for Replacement Reserve	17,244	17,244	17,244
Total Fixed Costs	<u>53,482</u>	<u>52,920</u>	<u>53,363</u>
Total Operating Costs	<u>94,637</u>	<u>95,515</u>	<u>93,586</u>
Debt Charges	293,657	293,657	259,981
Less: Federal Mortgage Assistance	(201,842)	(202,132)	(168,180)
Net Debt Charges	<u>91,815</u>	<u>91,525</u>	<u>91,801</u>
Extraordinary Items			
Other	<u>7,500</u>		<u>8,000</u>
<u>Total Expenditure</u>	<u>\$ 193,952</u>	<u>\$ 187,040</u>	<u>\$ 193,387</u>
Net Income/(Deficit)	<u>\$ 897</u>	<u>\$ 7,784</u>	<u>\$ 1,948</u>

GREATER VANCOUVER HOUSING CORPORATION

Epsom Downs - 108 Units
13699 - 76th Avenue
Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 608,517	\$ 637,498	\$ 669,890
Miscellaneous Income	3,400	4,074	3,400
<u>Total Revenue</u>	<u>\$ 611,917</u>	<u>\$ 641,572</u>	<u>\$ 673,290</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 800	\$	\$ 840
Gardening	9,669	11,019	10,152
Security	1,500	63	200
Garbage Removal	6,900	6,187	7,245
Other Services & Supplies	2,500	4,539	2,075
Repairs & Maintenance	11,800	23,556	13,080
Decorating & Cleaning	23,400	21,936	23,400
Utilities	16,741	14,816	14,700
Site Management	37,034	35,869	35,100
Provision for Doubtful Accounts	5,893	4,034	4,438
Total Variable Costs	<u>116,237</u>	<u>122,019</u>	<u>111,230</u>
Fixed Costs			
Insurance	10,027	10,420	8,852
Property Taxes & Sewer Rates	81,339	81,295	85,360
Management Fee	35,044	35,044	36,793
Provision for Replacement Reserve	82,384	82,384	82,384
Total Fixed Costs	<u>208,794</u>	<u>209,143</u>	<u>213,389</u>
Total Operating Costs	<u>325,031</u>	<u>331,162</u>	<u>324,619</u>
Debt Charges	991,014	1,006,253	1,068,372
Less: Federal Mortgage Assistance	(583,308)	(588,804)	(665,742)
Net Debt Charges	<u>407,706</u>	<u>417,449</u>	<u>402,630</u>
Extraordinary Items			
Minor Capital Improvements	2,000	1,448	
Other	4,000	4,030	30,000
	<u>6,000</u>	<u>5,478</u>	<u>30,000</u>
<u>Total Expenditure</u>	<u>\$ 738,737</u>	<u>\$ 754,089</u>	<u>\$ 757,249</u>
Net Income/(Deficit)	<u>\$ (126,820)</u>	<u>\$ (112,517)</u>	<u>\$ (83,959)</u>

GREATER VANCOUVER HOUSING CORPORATION

Euclid Square - 33 Units
3485 Foster Avenue
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 193,972	\$ 187,312	\$ 196,906
Joint Federal/Provincial			
Rental Assistance	8,500	7,056	8,500
Miscellaneous Income	2,700	3,009	2,700
<u>Total Revenue</u>	<u>\$ 205,172</u>	<u>\$ 197,377</u>	<u>\$ 208,106</u>
<u>Expenditure</u>			
Variable Costs			
Gardening	\$ 3,223	\$ 4,994	\$ 3,384
Garbage Removal	1,400	1,245	1,470
Other Services & Supplies	900	1,268	945
Repairs & Maintenance	7,900	9,769	8,730
Decorating & Cleaning	6,400	6,586	6,400
Utilities	6,501	5,513	5,680
Site Management	11,162	11,115	11,900
Provision for Doubtful Accounts	638	(638)	
<u>Total Variable Costs</u>	<u>38,124</u>	<u>39,852</u>	<u>38,509</u>
Fixed Costs			
Insurance	2,161	2,023	1,944
Property Taxes	21,562	21,479	21,480
Management Fee	10,708	10,708	11,242
Provision for Replacement Reserve	10,267	10,266	10,267
<u>Total Fixed Costs</u>	<u>44,698</u>	<u>44,476</u>	<u>44,933</u>
<u>Total Operating Costs</u>	<u>82,822</u>	<u>84,328</u>	<u>83,442</u>
Debt Charges	95,643	95,642	95,643
Extraordinary Items			
Other	3,000	636	1,000
<u>Total Expenditure</u>	<u>\$ 181,465</u>	<u>\$ 180,606</u>	<u>\$ 180,085</u>
Net Income/(Deficit)	<u>\$ 23,707</u>	<u>\$ 16,771</u>	<u>\$ 28,021</u>

GREATER VANCOUVER HOUSING CORPORATION

Evergreen Downs - 38 Units
4600 Evergreen Lane
Delta

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 210,371	\$ 220,340	\$ 218,904
Miscellaneous Income	5,800	5,845	5,800
<u>Total Revenue</u>	<u>\$ 216,171</u>	<u>\$ 226,185</u>	<u>\$ 224,704</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 500	\$ 222	\$ 525
Gardening	2,901	3,081	3,046
Security	100		105
Garbage Removal	1,100	1,106	1,155
Other Services & Supplies	2,500	4,106	2,625
Repairs & Maintenance	10,350	8,247	10,065
Decorating & Cleaning	10,450	8,890	9,650
Utilities	13,408	11,268	13,130
Site Management	11,157	12,140	12,000
Provision for Doubtful Accounts	1,040	(1,064)	
Total Variable Costs	53,506	47,996	52,301
Fixed Costs			
Insurance	2,682	2,570	2,402
Property Taxes & Sewer Rates	25,150	25,533	25,460
Management Fee	12,330	12,330	12,946
Provision for Replacement Reserve	21,154	21,154	21,154
Total Fixed Costs	61,316	61,587	61,962
Total Operating Costs	114,822	109,583	114,263
Debt Charges	289,988	290,166	310,476
Less: Federal Mortgage Assistance	(172,027)	(171,891)	(193,728)
Net Debt Charges	117,961	118,275	116,748
Extraordinary Items			
Other			4,000
<u>Total Expenditure</u>	<u>\$ 232,783</u>	<u>\$ 227,858</u>	<u>\$ 235,011</u>
Net Income/(Deficit)	\$ (16,612)	\$ (1,673)	\$ (10,307)

GREATER VANCOUVER HOUSING CORPORATION

Franklin House - 32 Units
1721 Franklin Street
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 87,774	\$ 104,858	\$ 87,761
Joint Federal/Provincial			
Rental Assistance	20,916	18,960	20,804
Miscellaneous Income	700	7,292	700
<u>Total Revenue</u>	<u>\$ 109,390</u>	<u>\$ 131,110</u>	<u>\$ 109,265</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$	\$ 185	\$
Security	2,000		1,000
Garbage Removal	400	312	420
Other Services & Supplies	3,200	2,549	2,635
Repairs & Maintenance	9,100	6,372	7,850
Decorating & Cleaning	3,600	3,543	3,600
Utilities	14,039	14,073	14,430
Site Management	37,954	39,481	44,820
Provision for Doubtful Accounts	7	(33)	42
<u>Total Variable Costs</u>	<u>70,300</u>	<u>66,482</u>	<u>74,797</u>
Fixed Costs			
Insurance	1,346	1,036	1,254
Property Taxes	7,837	7,804	7,800
Management Fee	2,520	2,519	2,646
Provision for Replacement Reserve	9,565	9,565	9,565
<u>Total Fixed Costs</u>	<u>21,268</u>	<u>20,924</u>	<u>21,265</u>
<u>Total Operating Costs</u>	<u>91,568</u>	<u>87,406</u>	<u>96,062</u>
Debt Charges	102,144	102,094	112,092
Less: Federal Mortgage Assistance	(64,368)	(64,371)	(75,696)
<u>Net Debt Charges</u>	<u>37,776</u>	<u>37,723</u>	<u>36,396</u>
Extraordinary Items			
Minor Capital Improvements	500	1,518	
Major Repairs		2,742	
	<u>500</u>	<u>4,260</u>	
<u>Total Expenditure</u>	<u>\$ 129,844</u>	<u>\$ 129,389</u>	<u>\$ 132,458</u>
<u>Net Income/(Deficit)</u>	<u>\$ (20,454)</u>	<u>\$ 1,721</u>	<u>\$ (23,193)</u>

GREATER VANCOUVER HOUSING CORPORATION

Grandview Gardens - 20 Units
2535 N. Grandview Highway
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 139,681	\$ 139,331	\$ 141,768
Miscellaneous Income		20	
<u>Total Revenue</u>	<u>\$ 139,681</u>	<u>\$ 139,351</u>	<u>\$ 141,768</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 100	\$	\$ 105
Gardening	2,417	5,834	2,538
Garbage Removal	1,350	1,221	1,418
Other Services & Supplies	700	300	735
Repairs & Maintenance	8,300	6,974	9,090
Decorating & Cleaning	5,800	1,755	5,800
Utilities	2,322	2,639	2,400
Site Management	6,765	6,747	7,200
Provision for Doubtful Accounts	189		171
<u>Total Variable Costs</u>	<u>27,943</u>	<u>25,470</u>	<u>29,457</u>
Fixed Costs			
Insurance	1,404	1,342	1,258
Property Taxes	17,441	17,374	17,370
Management Fee	6,490	6,490	6,813
Provision for Replacement Reserve	7,915	7,913	7,915
<u>Total Fixed Costs</u>	<u>33,250</u>	<u>33,119</u>	<u>33,356</u>
<u>Total Operating Costs</u>	<u>61,193</u>	<u>58,589</u>	<u>62,813</u>
Debt Charges	<u>71,853</u>	<u>71,854</u>	<u>71,853</u>
Extraordinary Items			
Other			1,500
<u>Total Expenditure</u>	<u>\$ 133,046</u>	<u>\$ 130,443</u>	<u>\$ 136,166</u>
Net Income/(Deficit)	<u>\$ 6,635</u>	<u>\$ 8,908</u>	<u>\$ 5,602</u>

GREATER VANCOUVER HOUSING CORPORATION

Greystone Village - 96 Units
7485 Woodbrook Place
Burnaby

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 608,478	\$ 622,084	\$ 657,477
Miscellaneous Income	16,600	15,394	16,600
<u>Total Revenue</u>	<u>\$ 625,078</u>	<u>\$ 637,478</u>	<u>\$ 674,077</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 2,000	\$ 621	\$ 500
Gardening	16,115	14,836	16,921
Security	100	1,849	1,200
Garbage Removal	6,100	5,528	6,000
Other Services & Supplies	1,800	1,368	1,890
Repairs & Maintenance	15,100	12,005	14,230
Decorating & Cleaning	20,600	21,817	20,600
Utilities	14,787	14,978	14,440
Site Management	26,192	29,424	31,600
Provision for Doubtful Accounts	601	3,034	1,381
Total Variable Costs	103,395	105,460	108,762
Fixed Costs			
Insurance	7,793	7,749	6,925
Property Taxes & Sewer Rates	74,651	73,983	73,470
Management Fee	31,150	31,150	32,705
Provision for Replacement Reserve	63,593	63,593	63,593
Total Fixed Costs	177,187	176,475	176,693
Total Operating Costs	280,582	281,935	285,455
Debt Charges	1,020,540	1,020,540	904,820
Less: Federal Mortgage Assistance	(696,645)	(699,646)	(581,984)
Net Debt Charges	323,895	320,894	322,836
Extraordinary Items			
Minor Capital Improvements	12,000	420	
Other	6,000	2,450	10,000
	18,000	2,870	10,000
<u>Total Expenditure</u>	<u>\$ 622,477</u>	<u>\$ 605,699</u>	<u>\$ 618,291</u>
Net Income/(Deficit)	\$ 2,601	\$ 31,779	\$ 55,786

GREATER VANCOUVER HOUSING CORPORATION

Guildford Glen - 79 Units
14860 - 101A Avenue
Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 373,643	\$ 393,370	\$ 389,432
Joint Federal/Provincial			
Rental Assistance	45,900	42,900	45,900
Miscellaneous Income	7,900	8,118	7,900
<u>Total Revenue</u>	<u>\$ 427,443</u>	<u>\$ 444,388</u>	<u>\$ 443,232</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 600	\$	\$ 200
Gardening	4,834	8,585	5,076
Security	100	63	105
Garbage Removal	3,500	3,073	3,675
Other Services & Supplies	2,000	3,342	2,285
Repairs & Maintenance	17,100	12,004	20,430
Decorating & Cleaning	13,600	14,007	14,100
Utilities	28,964	25,350	26,320
Site Management	27,090	26,254	25,700
Provision for Doubtful Accounts	1,992	824	862
Total Variable Costs	99,780	93,502	98,753
Fixed Costs			
Insurance	5,459	5,198	4,896
Property Taxes & Sewer Rates	53,786	53,626	55,560
Management Fee	25,634	25,634	26,914
Provision for Replacement Reserve	38,217	38,217	38,217
Total Fixed Costs	123,096	122,675	125,587
Total Operating Costs	222,876	216,177	224,340
Debt Charges	438,226	444,512	473,233
Less: Federal Mortgage Assistance	(256,571)	(259,459)	(294,431)
Net Debt Charges	181,655	185,053	178,802
Extraordinary Items			
Minor Capital Improvements	5,000	1,105	
Other	2,000	2,024	31,000
	7,000	3,129	31,000
<u>Total Expenditure</u>	<u>\$ 411,531</u>	<u>\$ 404,359</u>	<u>\$ 434,142</u>
Net Income/(Deficit)	\$ 15,912	\$ 40,029	\$ 9,090

GREATER VANCOUVER HOUSING CORPORATION

Habitat Villa - 36 Units
2nd Avenue & Wallace
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 292,107	\$ 285,434	\$ 306,071
Miscellaneous Income	5,700	5,053	5,700
<u>Total Revenue</u>	<u>\$ 297,807</u>	<u>\$ 290,487</u>	<u>\$ 311,771</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 251	\$ 251	\$ 2538
Gardening	2,417	6,684	2,538
Security		108	
Garbage Removal	2,050	1,850	2,153
Other Services & Supplies	800	1,273	840
Repairs & Maintenance	8,200	6,322	7,749
Decorating & Cleaning	8,500	4,732	7,200
Utilities	7,096	5,583	5,940
Site Management	12,177	12,138	13,000
Provision for Doubtful Accounts	(81)	60	
<u>Total Variable Costs</u>	<u>41,159</u>	<u>39,001</u>	<u>39,420</u>
Fixed Costs			
Insurance	2,608	2,518	2,333
Property Taxes	32,844	32,718	32,780
Management Fee	11,681	11,681	12,264
Provision for Replacement Reserve	13,062	13,062	13,062
<u>Total Fixed Costs</u>	<u>60,195</u>	<u>59,979</u>	<u>60,439</u>
<u>Total Operating Costs</u>	<u>101,354</u>	<u>98,980</u>	<u>99,859</u>
Debt Charges	170,420	170,426	187,686
Less: Federal Mortgage Assistance	(101,401)	(101,377)	(120,801)
<u>Net Debt Charges</u>	<u>69,019</u>	<u>69,049</u>	<u>66,885</u>
Extraordinary Items			
Minor Capital Improvements		968	
Other	7,000		3,000
	<u>7,000</u>	<u>968</u>	<u>3,000</u>
<u>Total Expenditure</u>	<u>\$ 177,373</u>	<u>\$ 168,997</u>	<u>\$ 169,744</u>
<u>Net Income/(Deficit)</u>	<u>\$ 120,434</u>	<u>\$ 121,490</u>	<u>\$ 142,027</u>

GREATER VANCOUVER HOUSING CORPORATION

Heather Place - 86 Units
774 West 13th Avenue
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 544,909	\$ 551,862	\$ 584,310
Miscellaneous Income	11,900	12,667	11,900
<u>Total Revenue</u>	<u>\$ 556,809</u>	<u>\$ 564,529</u>	<u>\$ 596,210</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,200	\$ 430	\$ 600
Gardening	12,086	9,035	12,690
Security	100	63	105
Garbage Removal	3,100	2,767	3,255
Other Services & Supplies	2,000	2,024	2,100
Repairs & Maintenance	22,100	20,876	26,010
Decorating & Cleaning	19,050	10,087	11,350
Utilities	13,673	13,199	14,090
Site Management	29,090	28,998	31,000
Provision for Doubtful Accounts	655	811	972
Total Variable Costs	103,054	88,290	102,172
Fixed Costs			
Insurance	6,366	6,182	5,685
Property Taxes	48,212	48,046	52,270
Management Fee	27,905	27,905	29,298
Provision for Replacement Reserve	51,090	51,090	51,090
Total Fixed Costs	133,573	133,223	138,343
Total Operating Costs	236,627	221,513	240,515
Debt Charges	759,888	767,519	834,552
Less: Federal Mortgage Assistance	(449,976)	(449,370)	(529,188)
Net Debt Charges	309,912	318,149	305,364
Extraordinary Items			
Minor Capital Improvements		533	
Other	8,000	2,527	6,000
	8,000	3,060	6,000
<u>Total Expenditure</u>	<u>\$ 554,539</u>	<u>\$ 542,722</u>	<u>\$ 551,879</u>
Net Income/(Deficit)	\$ 2,270	\$ 21,807	\$ 44,331

GREATER VANCOUVER HOUSING CORPORATION

Hemlock Court - 21 Units
1411 East 17th Avenue
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 139,630	\$ 139,822	\$ 141,483
Miscellaneous Income	2,500	1,887	2,500
Total Revenue	<u>\$ 142,130</u>	<u>\$ 141,709</u>	<u>\$ 143,983</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 600	\$ 391	\$ 630
Gardening	8,057	4,615	8,460
Security		63	
Garbage Removal	1,400	1,221	1,470
Other Services & Supplies	700	426	735
Repairs & Maintenance	5,300	6,799	5,890
Decorating & Cleaning	9,750	6,345	6,950
Utilities	4,236	4,287	4,170
Site Management	7,103	7,079	7,600
Provision for Doubtful Accounts	133	(30)	222
Total Variable Costs	<u>37,279</u>	<u>31,196</u>	<u>36,127</u>
Fixed Costs			
Insurance		1,600	1,451
Property Taxes & Sewer Rates	15,184	15,133	15,130
Management Fee	6,814	6,814	7,154
Provision for Replacement Reserve	12,322	12,322	12,322
Total Fixed Costs	<u>34,320</u>	<u>35,869</u>	<u>36,057</u>
Total Operating Costs	<u>71,599</u>	<u>67,065</u>	<u>72,184</u>
Debt Charges	219,255	219,255	216,792
Less: Federal Mortgage Assistance	(151,416)	(151,330)	(148,763)
Net Debt Charges	<u>67,839</u>	<u>67,925</u>	<u>68,029</u>
Total Expenditure	<u>\$ 139,438</u>	<u>\$ 134,990</u>	<u>\$ 140,213</u>
Net Income/(Deficit)	<u>\$ 2,692</u>	<u>\$ 6,719</u>	<u>\$ 3,770</u>

GREATER VANCOUVER HOUSING CORPORATION

Hugh Bird Residence - 64 Units
420 E. Cordova Street
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 304,365	\$ 294,478	\$ 297,581
Miscellaneous Income	1,400	874	1,400
<u>Total Revenue</u>	<u>\$ 305,765</u>	<u>\$ 295,352</u>	<u>\$ 298,981</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 100	\$ 114	\$ 105
Garbage Removal	1,000	920	1,050
Other Services & Supplies	6,400	6,294	6,280
Repairs & Maintenance	10,200	9,892	10,820
Decorating & Cleaning	7,500	4,653	6,000
Utilities	27,879	20,290	23,790
Site Management	51,008	53,600	57,951
Provision for Doubtful Accounts	62	250	93
<u>Total Variable Costs</u>	<u>104,149</u>	<u>96,013</u>	<u>106,089</u>
Fixed Costs			
Insurance	2,776	2,177	2,580
Property Taxes	12,319	12,367	12,530
Management Fee	20,767	20,767	21,804
Provision for Replacement Reserve	22,128	22,128	22,128
<u>Total Fixed Costs</u>	<u>57,990</u>	<u>57,439</u>	<u>59,042</u>
<u>Total Operating Costs</u>	<u>162,139</u>	<u>153,452</u>	<u>165,131</u>
Debt Charges	204,030	200,661	219,000
Less: Federal Mortgage Assistance	(99,681)	(100,210)	(114,396)
<u>Net Debt Charges</u>	<u>104,349</u>	<u>100,451</u>	<u>104,604</u>
Extraordinary Items			
Minor Capital Improvements	1,000		
<u>Total Expenditure</u>	<u>\$ 267,488</u>	<u>\$ 253,903</u>	<u>\$ 269,735</u>
<u>Net Income/(Deficit)</u>	<u>\$ 38,277</u>	<u>\$ 41,449</u>	<u>\$ 29,246</u>

GREATER VANCOUVER HOUSING CORPORATION

Kelly Court - 45 Units
2929 Nootka Street
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 141,532	\$ 147,816	\$ 141,532
Joint Federal/Provincial Rental Assistance	130,900	135,213	130,900
Miscellaneous Income	4,200	2,965	3,500
<u>Total Revenue</u>	<u>\$ 276,632</u>	<u>\$ 285,994</u>	<u>\$ 275,932</u>
<u>Expenditure</u>			
Variable Costs			
Gardening	\$ 2,014	\$ 3,286	\$ 2,115
Security	200		210
Garbage Removal	1,400	1,124	1,470
Other Services & Supplies	2,100	1,480	2,205
Repairs & Maintenance	12,000	13,299	13,320
Decorating & Cleaning	11,600	9,609	11,600
Utilities	33,639	35,214	39,420
Site Management	19,857	21,245	21,500
Provision for Doubtful Accounts	223	180	176
Total Variable Costs	83,033	85,437	92,016
Fixed Costs			
Insurance	3,027	2,859	2,719
Property Taxes	24,398	24,313	24,310
Management Fee	14,602	14,602	15,331
Provision for Replacement Reserve	15,992	15,992	15,992
Total Fixed Costs	58,019	57,766	58,352
Total Operating Costs	141,052	143,203	150,368
Debt Charges	132,166	132,166	132,166
Extraordinary Items			
Other	5,000		7,000
<u>Total Expenditure</u>	<u>\$ 278,218</u>	<u>\$ 275,369</u>	<u>\$ 289,534</u>
Net Income/(Deficit)	<u>\$ (1,586)</u>	<u>\$ (10,625)</u>	<u>\$ (13,602)</u>

GREATER VANCOUVER HOUSING CORPORATION

Kingston Gardens - 144 Units
15385 - 99th Avenue
Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 737,820	\$ 772,209	\$ 769,340
Miscellaneous Income	18,800	20,576	18,800
<u>Total Revenue</u>	<u>\$ 756,620</u>	<u>\$ 792,785</u>	<u>\$ 788,140</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,000	\$ 77	\$ 500
Gardening	20,144	17,273	21,151
Security	1,500	1,231	1,575
Garbage Removal	6,400	5,568	6,720
Other Services & Supplies	7,800	7,181	7,565
Repairs & Maintenance	38,900	57,565	43,720
Decorating & Cleaning	39,800	40,321	42,300
Utilities	38,243	29,097	32,320
Site Management	49,378	48,213	46,900
Provision for Doubtful Accounts	3,032	1,284	2,199
Total Variable Costs	206,197	207,810	204,950
Fixed Costs			
Insurance	8,833	8,095	7,984
Property Taxes & Sewer Rates	98,937	98,665	103,410
Management Fee	46,725	46,725	49,058
Provision for Replacement Reserve	64,148	64,148	64,148
Total Fixed Costs	218,643	217,633	224,600
Total Operating Costs	424,840	425,443	429,550
Debt Charges	786,418	797,704	848,935
Less: Federal Mortgage Assistance	(464,061)	(469,925)	(532,544)
Net Debt Charges	322,357	327,779	316,391
Extraordinary Items			
Other	10,800	1,850	30,000
<u>Total Expenditure</u>	<u>\$ 757,997</u>	<u>\$ 755,072</u>	<u>\$ 775,941</u>
Net Income/(Deficit)	<u>\$ (1,377)</u>	<u>\$ 37,713</u>	<u>\$ 12,199</u>

GREATER VANCOUVER HOUSING CORPORATION

Kingston Gardens IV - 48 Units
15385 - 99th Avenue
Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 245,990	\$ 254,940	\$ 252,569
Miscellaneous Income		80	
<u>Total Revenue</u>	<u>\$ 245,990</u>	<u>\$ 255,020</u>	<u>\$ 252,569</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 300	\$ 114	\$ 315
Gardening	4,029	4,136	4,230
Security	500		525
Garbage Removal	2,100	1,847	2,205
Other Services & Supplies	1,700	2,540	1,785
Repairs & Maintenance	11,000	14,235	12,790
Decorating & Cleaning	11,100	15,308	15,450
Utilities	10,371	8,433	9,120
Site Management	16,459	15,916	15,600
Provision for Doubtful Accounts	1,398	(150)	464
Total Variable Costs	<u>58,957</u>	<u>62,379</u>	<u>62,484</u>
Fixed Costs			
Insurance	3,448	3,320	3,084
Property Taxes & Sewer Rates	31,723	31,614	32,830
Management Fee	15,575	15,575	16,353
Provision for Replacement Reserve	28,653	28,653	28,653
Total Fixed Costs	<u>79,399</u>	<u>79,162</u>	<u>80,920</u>
Total Operating Costs	<u>138,356</u>	<u>141,541</u>	<u>143,404</u>
Debt Charges	369,679	370,638	395,364
Less: Federal Mortgage Assistance	(222,516)	(224,806)	(250,524)
Net Debt Charges	<u>147,163</u>	<u>145,832</u>	<u>144,840</u>
Extraordinary Items			
Other	800	1,759	5,500
<u>Total Expenditure</u>	<u>\$ 286,319</u>	<u>289,132</u>	<u>293,744</u>
Net Income/(Deficit)	<u>\$ (40,329)</u>	<u>\$ (34,112)</u>	<u>\$ (41,175)</u>

GREATER VANCOUVER HOUSING CORPORATION

Knightsbridge I - 80 Units
12551 Cambie Road
Richmond

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 502,982	\$ 514,890	\$ 552,127
Miscellaneous Income	5,100	8,584	5,100
<u>Total Revenue</u>	<u>\$ 508,082</u>	<u>\$ 523,474</u>	<u>\$ 557,227</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 700	\$ 615	\$ 735
Gardening	6,043	8,967	6,345
Security		301	3,400
Garbage Removal	3,700	4,294	3,885
Other Services & Supplies	2,400	3,247	2,520
Repairs & Maintenance	14,250	18,810	17,265
Decorating & Cleaning	13,650	14,343	14,450
Utilities	12,448	10,984	11,560
Site Management	23,488	25,547	25,200
Provision for Doubtful Accounts	881	(387)	452
Total Variable Costs	<u>77,560</u>	<u>86,721</u>	<u>85,812</u>
Fixed Costs			
Insurance	5,700	5,477	5,102
Property Taxes & Sewer Rates	50,173	48,566	49,250
Management Fee	25,958	25,958	27,254
Provision for Replacement Reserve	47,429	47,429	47,429
Total Fixed Costs	<u>129,260</u>	<u>127,430</u>	<u>129,035</u>
Total Operating Costs	<u>206,820</u>	<u>214,151</u>	<u>214,847</u>
Debt Charges	731,891	698,922	744,138
Less: Federal Mortgage Assistance	(459,670)	(419,671)	(468,626)
Net Debt Charges	<u>272,221</u>	<u>279,251</u>	<u>275,512</u>
Extraordinary Items			
Minor Capital Improvements		559	
Other			5,000
		559	5,000
<u>Total Expenditure</u>	<u>\$ 479,041</u>	<u>\$ 493,961</u>	<u>\$ 495,359</u>
Net Income/(Deficit)	<u>\$ 29,041</u>	<u>\$ 29,513</u>	<u>\$ 61,868</u>

GREATER VANCOUVER HOUSING CORPORATION

Knightsbridge II - 80 Units
12571 Cambie Road
Richmond

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 502,466	\$ 516,660	\$ 550,973
Miscellaneous Income	5,000	300	5,000
<u>Total Revenue</u>	<u>\$ 507,466</u>	<u>\$ 516,960</u>	<u>\$ 555,973</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 700	\$ 615	\$ 735
Gardening	6,043	8,574	6,345
Security		301	3,400
Garbage Removal	3,700	3,405	3,885
Other Services & Supplies	2,400	2,803	2,355
Repairs & Maintenance	14,251	12,942	15,205
Decorating & Cleaning	13,650	9,822	14,650
Utilities	9,779	8,270	8,500
Site Management	23,488	25,547	25,200
Provision for Doubtful Accounts	1,115	716	681
<u>Total Variable Costs</u>	<u>75,126</u>	<u>72,995</u>	<u>80,956</u>
Fixed Costs			
Insurance	5,700	5,477	5,102
Property Taxes & Sewer Rates	50,132	48,527	49,160
Management Fee	25,958	25,958	27,254
Provision for Replacement Reserve	44,461	44,461	44,461
<u>Total Fixed Costs</u>	<u>126,251</u>	<u>124,423</u>	<u>125,977</u>
<u>Total Operating Costs</u>	<u>201,377</u>	<u>197,418</u>	<u>206,933</u>
Debt Charges	736,080	736,080	676,280
Less: Federal Mortgage Assistance	(494,795)	(494,795)	(432,914)
<u>Net Debt Charges</u>	<u>241,285</u>	<u>241,285</u>	<u>243,366</u>
Extraordinary Items			
Other			5,000
<u>Total Expenditure</u>	<u>\$ 442,662</u>	<u>\$ 438,703</u>	<u>\$ 455,299</u>
<u>Net Income/(Deficit)</u>	<u>\$ 64,804</u>	<u>\$ 78,257</u>	<u>\$ 100,674</u>

GREATER VANCOUVER HOUSING CORPORATION

London Square - 48 Units
1206A London Street
New Westminster

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 337,287	\$ 344,230	\$ 359,253
Miscellaneous Income	2,500	1,943	2,500
<u>Total Revenue</u>	<u>\$ 339,787</u>	<u>\$ 346,173</u>	<u>\$ 361,753</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 300	\$ 339	\$ 315
Gardening	9,669	8,152	10,152
Security	300	63	315
Garbage Removal	2,500	2,467	2,625
Other Services & Supplies	4,300	3,781	2,575
Repairs & Maintenance	10,600	10,936	12,350
Decorating & Cleaning	11,300	14,754	10,550
Utilities	25,339	21,436	24,450
Site Management	16,459	15,933	15,600
Provision for Doubtful Accounts	892	(304)	583
<u>Total Variable Costs</u>	<u>81,659</u>	<u>77,557</u>	<u>79,515</u>
Fixed Costs			
Insurance	4,076	4,097	3,614
Property Taxes & Sewer Rates	47,708	47,435	47,800
Management Fee	15,575	15,575	16,353
Provision for Replacement Reserve	33,850	33,850	33,850
<u>Total Fixed Costs</u>	<u>101,209</u>	<u>100,957</u>	<u>101,617</u>
<u>Total Operating Costs</u>	<u>182,868</u>	<u>178,514</u>	<u>181,132</u>
Debt Charges	441,252	443,899	484,620
Less: Federal Mortgage Assistance	(256,452)	(260,769)	(306,672)
<u>Net Debt Charges</u>	<u>184,800</u>	<u>183,130</u>	<u>177,948</u>
Extraordinary Items			
Other	2,000		3,000
<u>Total Expenditure</u>	<u>\$ 369,668</u>	<u>\$ 361,644</u>	<u>\$ 362,080</u>
<u>Net Income/(Deficit)</u>	<u>\$ (29,881)</u>	<u>\$ (15,471)</u>	<u>\$ (327)</u>

GREATER VANCOUVER HOUSING CORPORATION

Lynden Court - 51 Units
5500 - 48B Avenue
Delta

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 322,174	\$ 325,794	\$ 331,435
Miscellaneous Income	1,000	1,807	1,000
<u>Total Revenue</u>	<u>\$ 323,174</u>	<u>\$ 327,601</u>	<u>\$ 332,435</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 200	\$ 640	\$ 210
Gardening	6,043	6,328	6,345
Garbage Removal	1,800	1,614	3,036
Other Services & Supplies	1,200	5,449	1,260
Repairs & Maintenance	12,600	7,057	10,650
Decorating & Cleaning	13,700	13,215	13,100
Utilities	4,782	4,232	4,620
Site Management	14,974	16,314	16,100
Provision for Doubtful Accounts	638	108	344
Total Variable Costs	<u>55,937</u>	<u>54,957</u>	<u>55,665</u>
Fixed Costs			
Insurance	3,866	3,777	3,448
Property Taxes & Sewer Rates	43,545	44,516	46,020
Management Fee	16,549	16,548	17,375
Provision for Replacement Reserve	30,789	30,789	30,789
Total Fixed Costs	<u>94,749</u>	<u>95,630</u>	<u>97,632</u>
Total Operating Costs	<u>150,686</u>	<u>150,587</u>	<u>153,297</u>
Debt Charges	444,671	477,715	488,916
Less: Federal Mortgage Assistance	<u>(264,600)</u>	<u>(264,604)</u>	<u>(311,184)</u>
Net Debt Charges	<u>180,071</u>	<u>213,111</u>	<u>177,732</u>
Extraordinary Items			
Other			4,000
<u>Total Expenditure</u>	<u>\$ 330,757</u>	<u>\$ 363,698</u>	<u>\$ 335,029</u>
Net Income/(Deficit)	<u>\$ (7,583)</u>	<u>\$ (36,097)</u>	<u>\$ (2,594)</u>

GREATER VANCOUVER HOUSING CORPORATION

Malaspina Village - 67 Units
1144 Inlet Drive
Coquitlam

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 393,587	\$ 412,462	\$ 412,397
Miscellaneous Income	1,800	2,654	2,200
<u>Total Revenue</u>	<u>\$ 395,387</u>	<u>\$ 415,116</u>	<u>\$ 414,597</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 3,500	\$ 122	\$ 1,000
Gardening	9,669	11,486	10,152
Security	100		105
Garbage Removal	3,600	3,274	3,780
Other Services & Supplies	1,100	1,845	715
Repairs & Maintenance	8,600	9,746	8,940
Decorating & Cleaning	15,800	10,821	15,800
Utilities	8,296	7,107	8,020
Site Management	18,280	20,577	22,000
Provision for Doubtful Accounts	2,342	839	1,671
Total Variable Costs	<u>71,287</u>	<u>65,817</u>	<u>72,183</u>
Fixed Costs			
Insurance	5,157	5,061	4,597
Property Taxes & Sewer Rates	43,990	45,327	48,770
Management Fee	21,740	21,740	22,826
Provision for Replacement Reserve	41,836	41,836	41,836
Total Fixed Costs	<u>112,723</u>	<u>113,964</u>	<u>118,029</u>
Total Operating Costs	<u>184,010</u>	<u>179,781</u>	<u>190,212</u>
Debt Charges	613,644	626,634	670,248
Less: Federal Mortgage Assistance	(364,104)	(378,021)	(424,704)
Net Debt Charges	<u>249,540</u>	<u>248,613</u>	<u>245,544</u>
Extraordinary Items			
Minor Capital Improvements	7,000	126	
Other	8,000	1,996	9,000
	<u>15,000</u>	<u>2,122</u>	<u>9,000</u>
<u>Total Expenditure</u>	<u>\$ 448,550</u>	<u>\$ 430,516</u>	<u>\$ 444,756</u>
Net Income/(Deficit)	<u>\$ (53,163)</u>	<u>\$ (15,400)</u>	<u>\$ (30,159)</u>

GREATER VANCOUVER HOUSING CORPORATION

Maple Vine Court - 82 Units
7500 Francis Road
Richmond

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 480,492	\$ 493,423	\$ 494,763
Miscellaneous Income	6,000	7,247	6,000
<u>Total Revenue</u>	<u>\$ 486,492</u>	<u>\$ 500,670</u>	<u>\$ 500,763</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 400	\$ 947	\$ 900
Gardening	4,834	2,284	5,076
Security		1,436	
Garbage Removal	2,400	2,263	2,520
Other Services & Supplies	7,200	5,752	7,560
Repairs & Maintenance	19,500	23,699	23,320
Decorating & Cleaning	23,900	19,282	22,900
Utilities	25,175	21,743	25,640
Site Management	24,076	26,191	25,800
Provision for Doubtful Accounts	953	(189)	735
<u>Total Variable Costs</u>	<u>108,438</u>	<u>103,408</u>	<u>114,451</u>
Fixed Costs			
Insurance	6,053	5,873	5,408
Property Taxes & Sewer Rates	49,728	48,138	50,110
Management Fee	26,607	26,607	27,936
Provision for Replacement Reserve	48,517	48,517	48,517
<u>Total Fixed Costs</u>	<u>130,905</u>	<u>129,135</u>	<u>131,971</u>
<u>Total Operating Costs</u>	<u>239,343</u>	<u>232,543</u>	<u>246,422</u>
Debt Charges	667,590	647,854	686,397
Less: Federal Mortgage Assistance	(425,952)	(400,153)	(443,949)
<u>Net Debt Charges</u>	<u>241,638</u>	<u>247,701</u>	<u>242,448</u>
Extraordinary Items			
Minor Capital Improvements		152	
Other	10,700	1,154	10,000
	<u>10,700</u>	<u>1,306</u>	<u>10,000</u>
<u>Total Expenditure</u>	<u>\$ 491,681</u>	<u>\$ 481,550</u>	<u>\$ 498,870</u>
<u>Net Income/(Deficit)</u>	<u>\$ (5,189)</u>	<u>\$ 19,120</u>	<u>\$ 1,893</u>

GREATER VANCOUVER HOUSING CORPORATION

McBride Place - 94 Units
431 Ginger Drive
New Westminster

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 611,872	\$ 623,624	\$ 629,079
Miscellaneous Income	6,500	7,754	6,500
<u>Total Revenue</u>	<u>\$ 618,372</u>	<u>\$ 631,378</u>	<u>\$ 635,579</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 2,000	\$ 329	\$ 500
Gardening	9,669	11,783	10,152
Security	300	1,237	315
Garbage Removal	4,700	4,629	4,935
Other Services & Supplies	5,400	8,148	3,520
Repairs & Maintenance	15,100	30,281	18,470
Decorating & Cleaning	28,900	29,385	27,900
Utilities	17,016	14,819	15,170
Site Management	32,233	31,678	30,600
Provision for Doubtful Accounts	1,847	780	1,309
<u>Total Variable Costs</u>	<u>117,165</u>	<u>133,069</u>	<u>112,871</u>
Fixed Costs			
Insurance	7,400	7,302	6,587
Property Taxes & Sewer Rates	99,443	99,422	101,710
Management Fee	30,501	30,501	32,024
Provision for Replacement Reserve	59,296	59,296	59,296
<u>Total Fixed Costs</u>	<u>196,640</u>	<u>196,521</u>	<u>199,617</u>
<u>Total Operating Costs</u>	<u>313,805</u>	<u>329,590</u>	<u>312,488</u>
Debt Charges	902,304	902,304	902,304
Less: Federal Mortgage Assistance	(604,728)	(601,067)	(604,728)
<u>Net Debt Charges</u>	<u>297,576</u>	<u>301,237</u>	<u>297,576</u>
Extraordinary Items			
Minor Capital Improvements		5,990	
Other	3,501	6,059	7,000
	<u>3,501</u>	<u>12,049</u>	<u>7,000</u>
<u>Total Expenditure</u>	<u>\$ 614,882</u>	<u>\$ 642,876</u>	<u>\$ 617,064</u>
<u>Net Income/(Deficit)</u>	<u>\$ 3,490</u>	<u>\$ (11,498)</u>	<u>\$ 18,515</u>

GREATER VANCOUVER HOUSING CORPORATION

Meridian Village - 202 Units
3156 Coast Meridian Road
Port Coquitlam

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$1,028,723	\$1,048,981	\$1,059,753
Joint Federal/Provincial			
Rental Assistance	34,700	30,842	34,700
Miscellaneous Income	6,300	6,975	6,300
<u>Total Revenue</u>	<u>\$1,069,723</u>	<u>\$1,086,798</u>	<u>\$1,100,753</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 2,400	\$ 175	\$ 1,000
Gardening	20,144	30,851	21,151
Security	7,000	11,982	7,350
Garbage Removal	6,400	6,750	6,720
Other Services & Supplies	4,600	4,735	4,230
Repairs & Maintenance	72,300	69,518	72,350
Decorating & Cleaning	57,900	37,324	53,100
Utilities	66,326	56,688	65,420
Site Management	55,112	61,876	66,500
Provision for Doubtful Accounts	5,836	(2,450)	2,181
Total Variable Costs	298,018	277,449	300,002
Fixed Costs			
Insurance	13,559	12,799	12,183
Property Taxes & Sewer Rates	126,239	127,917	130,990
Management Fee	65,545	65,548	68,817
Provision for Replacement Reserve	67,776	67,776	67,776
Total Fixed Costs	273,119	274,040	279,766
Total Operating Costs	571,137	551,489	579,768
Debt Charges	580,277	580,277	580,277
Extraordinary Items			
Minor Capital Improvement		64	
Other	48,100	9,280	67,000
	48,100	9,344	67,000
<u>Total Expenditure</u>	<u>\$1,199,514</u>	<u>\$1,141,110</u>	<u>\$1,227,045</u>
Net Income/(Deficit)	\$ (129,791)	\$ (54,312)	\$ (126,292)

GREATER VANCOUVER HOUSING CORPORATION

Minato West - 110 Units
4151 Regent Street
Richmond

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 687,293	\$ 679,373	\$ 704,760
Joint Federal/Provincial			
Rental Assistance	3,940	3,856	4,040
Miscellaneous Income	5,400	6,874	5,400
<u>Total Revenue</u>	<u>\$ 696,633</u>	<u>\$ 690,103</u>	<u>\$ 714,200</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,500	\$ 698	\$ 1,575
Gardening	12,086	8,973	10,000
Security	250		263
Garbage Removal	3,800	3,868	3,990
Other Services & Supplies	5,900	5,416	5,470
Repairs & Maintenance	42,350	28,934	37,965
Decorating & Cleaning	25,850	23,932	26,400
Utilities	23,203	19,241	20,790
Site Management	32,297	35,129	34,700
Provision for Doubtful Accounts	1,753	1,007	794
<u>Total Variable Costs</u>	<u>148,989</u>	<u>127,198</u>	<u>141,947</u>
Fixed Costs			
Insurance	7,071	6,585	6,371
Property Taxes & Sewer Rates	63,779	61,719	61,970
Management Fee	35,693	35,693	37,474
Provision for Replacement Reserve	38,650	38,652	38,650
<u>Total Fixed Costs</u>	<u>145,193</u>	<u>142,649</u>	<u>144,465</u>
<u>Total Operating Costs</u>	<u>294,182</u>	<u>269,847</u>	<u>286,412</u>
Debt Charges	323,165	323,165	323,165
Extraordinary Items			
Minor Capital Improvements		3,204	31,000
Other			
		3,204	31,000
<u>Total Expenditure</u>	<u>\$ 617,347</u>	<u>\$ 596,216</u>	<u>\$ 640,577</u>
Net Income/(Deficit)	<u>\$ 79,286</u>	<u>\$ 93,887</u>	<u>\$ 73,623</u>

GREATER VANCOUVER HOUSING CORPORATION

Moffatt Park - 21 Units
7660 Moffatt Road
Richmond

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 152,678	\$ 150,623	\$ 157,059
Miscellaneous Income	600	1,053	600
<u>Total Revenue</u>	<u>\$ 153,278</u>	<u>\$ 151,676</u>	<u>\$ 157,659</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 500	\$ 46	\$ 500
Gardening	3,626	(989)	3,807
Garbage Removal	1,200	1,097	1,260
Other Services & Supplies	800	387	840
Repairs & Maintenance	6,200	5,612	6,880
Decorating & Cleaning	5,800	4,692	6,200
Utilities	3,041	3,100	3,380
Site Management	6,166	6,715	6,600
Provision for Doubtful Accounts	40		
Total Variable Costs	<u>27,373</u>	<u>20,660</u>	<u>29,467</u>
Fixed Costs			
Insurance		1,540	1,409
Property Taxes & Sewer Rates	16,121	15,607	16,510
Management Fee	6,814	6,814	7,154
Provision for Replacement Reserve	12,527	12,527	12,527
Total Fixed Costs	<u>35,462</u>	<u>36,488</u>	<u>37,600</u>
Total Operating Costs	<u>62,835</u>	<u>57,148</u>	<u>67,067</u>
Debt Charges	247,928	247,928	225,684
Less: Federal Mortgage Assistance	(175,020)	(175,020)	(152,202)
Net Debt Charges	<u>72,908</u>	<u>72,908</u>	<u>73,482</u>
Extraordinary Items			
Other	<u>4,000</u>	<u>6,300</u>	<u>3,000</u>
<u>Total Expenditure</u>	<u>\$ 139,743</u>	<u>\$ 136,356</u>	<u>\$ 143,549</u>
Net Income/(Deficit)	<u>\$ 13,535</u>	<u>\$ 15,320</u>	<u>\$ 14,110</u>

GREATER VANCOUVER HOUSING CORPORATION

Moray Place - 52 Units
125 Moray Street
Port Moody

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 323,860	\$ 343,817	\$ 340,881
Miscellaneous Income	2,900	1,878	2,900
<u>Total Revenue</u>	<u>\$ 326,760</u>	<u>\$ 345,695</u>	<u>\$ 343,781</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,100	\$ (87)	\$ 500
Gardening	6,043	6,357	6,345
Security	700	92	300
Garbage Removal	2,400	1,850	2,000
Other Services & Supplies	2,800	2,770	2,550
Repairs & Maintenance	11,300	11,537	11,770
Decorating & Cleaning	15,300	9,621	15,300
Utilities	9,814	7,317	8,680
Site Management	14,187	16,046	17,100
Provision for Doubtful Accounts	2,722	(530)	1,000
Total Variable Costs	<u>66,366</u>	<u>54,973</u>	<u>65,545</u>
Fixed Costs			
Insurance	4,535	4,585	4,015
Property Taxes & Sewer Rates	42,900	43,928	43,930
Management Fee	16,873	16,873	17,715
Provision for Replacement Reserve	37,841	37,841	37,841
Total Fixed Costs	<u>102,149</u>	<u>103,227</u>	<u>103,501</u>
Total Operating Costs	<u>168,515</u>	<u>158,200</u>	<u>169,046</u>
Debt Charges	523,524	513,309	497,712
Less: Federal Mortgage Assistance	(335,632)	(318,495)	(309,120)
Net Debt Charges	<u>187,892</u>	<u>194,814</u>	<u>188,592</u>
Extraordinary Items			
Other	6,600	860	6,000
<u>Total Expenditure</u>	<u>\$ 363,007</u>	<u>353,874</u>	<u>363,638</u>
Net Income/(Deficit)	<u>\$ (36,247)</u>	<u>\$ (8,179)</u>	<u>\$ (19,857)</u>

GREATER VANCOUVER HOUSING CORPORATION

Ozada Village - 61 Units
1205 Pipeline Road
Coquitlam

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 280,519	\$ 296,040	\$ 296,268
Miscellaneous Income	6,700	6,289	6,700
<u>Total Revenue</u>	<u>\$ 287,219</u>	<u>\$ 302,329</u>	<u>\$ 302,968</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 200	\$	\$ 210
Gardening	4,029	5,525	4,230
Security	100	92	105
Garbage Removal	1,400	1,225	1,470
Other Services & Supplies	4,600	3,985	4,400
Repairs & Maintenance	15,700	15,058	13,980
Decorating & Cleaning	15,800	2,236	7,800
Utilities	27,380	24,996	28,270
Site Management	16,643	18,686	20,100
Provision for Doubtful Accounts	68		
<u>Total Variable Costs</u>	<u>85,920</u>	<u>71,803</u>	<u>80,565</u>
Fixed Costs			
Insurance	3,993	3,953	3,593
Property Taxes & Sewer Rates	29,771	30,571	32,800
Management Fee	19,793	19,793	20,781
Provision for Replacement Reserve	34,026	34,026	34,026
<u>Total Fixed Costs</u>	<u>87,583</u>	<u>88,343</u>	<u>91,200</u>
<u>Total Operating Costs</u>	<u>173,503</u>	<u>160,146</u>	<u>171,765</u>
Debt Charges	406,117	404,420	431,377
Less: Federal Mortgage Assistance	(243,785)	(241,869)	(271,548)
<u>Net Debt Charges</u>	<u>162,332</u>	<u>162,551</u>	<u>159,829</u>
Extraordinary Items			
Other			13,000
<u>Total Expenditure</u>	<u>\$ 335,835</u>	<u>\$ 322,697</u>	<u>\$ 344,594</u>
<u>Net Income/(Deficit)</u>	<u>\$ (48,616)</u>	<u>\$ (20,368)</u>	<u>\$ (41,626)</u>

GREATER VANCOUVER HOUSING CORPORATION

Park Court - 30 Units
100 Nelson Street
Coquitlam

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 128,680	\$ 130,972	\$ 131,141
Miscellaneous Income	1,900	1,734	1,900
<u>Total Revenue</u>	<u>\$ 130,580</u>	<u>\$ 132,706</u>	<u>\$ 133,041</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 500	\$ 386	\$ 525
Gardening	4,029	4,207	4,230
Security	100	25	105
Garbage Removal	700	612	735
Other Services & Supplies	700	1,217	930
Repairs & Maintenance	10,400	13,665	11,380
Decorating & Cleaning	13,600	6,731	10,100
Utilities	12,992	12,604	15,410
Site Management	7,317	9,173	9,000
Provision for Doubtful Accounts	2,309	579	1,500
<u>Total Variable Costs</u>	<u>52,647</u>	<u>49,199</u>	<u>53,915</u>
Fixed Costs			
Insurance	1,842	1,690	1,665
Property Taxes	20,886	21,436	21,440
Management Fee	9,734	9,734	10,220
Provision for Replacement Reserve	6,001	6,001	6,001
<u>Total Fixed Costs</u>	<u>38,463</u>	<u>38,861</u>	<u>39,326</u>
<u>Total Operating Costs</u>	<u>91,110</u>	<u>88,060</u>	<u>93,241</u>
Debt Charges	98,105	98,105	98,105
Less: Federal Mortgage Assistance	(63,637)	(59,311)	(63,637)
<u>Net Debt Charges</u>	<u>34,468</u>	<u>38,794</u>	<u>34,468</u>
Extraordinary Items			
Other	800		
<u>Total Expenditure</u>	<u>\$ 126,378</u>	<u>\$ 126,854</u>	<u>\$ 127,709</u>
<u>Net Income/(Deficit)</u>	<u>\$ 4,202</u>	<u>\$ 5,852</u>	<u>\$ 5,332</u>

GREATER VANCOUVER HOUSING CORPORATION

Pinewood Place - 50 Units
850 West 17th Street
North Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 357,146	\$ 366,434	\$ 369,852
Miscellaneous Income	4,200	1,775	2,500
<u>Total Revenue</u>	<u>\$ 361,346</u>	<u>\$ 368,209</u>	<u>\$ 372,352</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$	\$ 114	\$
Gardening	9,669	7,014	10,152
Garbage Removal	3,400	3,095	3,570
Other Services & Supplies	1,200	3,270	1,260
Repairs & Maintenance	7,100	14,341	8,190
Decorating & Cleaning	11,500	7,689	10,500
Utilities	6,745	3,970	4,850
Site Management	13,642	15,323	16,400
Provision for Doubtful Accounts	112	33	101
Total Variable Costs	53,368	54,849	55,023
Fixed Costs			
Insurance	3,624	3,499	3,242
Property Taxes & Sewer Rates	54,951	54,214	55,620
Management Fee	16,224	16,224	17,034
Provision for Replacement Reserve	27,250	27,250	27,250
Total Fixed Costs	102,049	101,187	103,146
Total Operating Costs	155,417	156,036	158,169
Debt Charges	417,438	418,605	448,032
Less: Federal Mortgage Assistance	(253,017)	(255,480)	(284,868)
Net Debt Charges	164,421	163,125	163,164
Extraordinary Items			
Minor Capital Improvements		3,072	
Other	5,200	1,325	5,000
	5,200	4,397	5,000
<u>Total Expenditure</u>	<u>\$ 325,038</u>	<u>\$ 323,558</u>	<u>\$ 326,333</u>
Net Income/(Deficit)	\$ 36,308	\$ 44,651	\$ 46,019

GREATER VANCOUVER HOUSING CORPORATION

Ran Beamish Place - 122 Units
8750 Maple Grove Crescent
Burnaby

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 794,932	\$ 833,382	\$ 851,230
Miscellaneous Income	6,200	4,500	5,000
<u>Total Revenue</u>	<u>\$ 801,132</u>	<u>\$ 837,882</u>	<u>\$ 856,230</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 1,700	\$ 164	\$ 500
Gardening	16,115	25,208	16,921
Security	100		105
Garbage Removal	5,000	3,994	4,000
Other Services & Supplies	5,300	9,043	3,365
Repairs & Maintenance	16,200	15,640	15,190
Decorating & Cleaning	24,400	30,461	24,400
Utilities	8,778	9,399	9,950
Site Management	33,286	37,404	40,100
Provision for Doubtful Accounts	1,514	(197)	800
Total Variable Costs	<u>112,393</u>	<u>131,116</u>	<u>115,331</u>
Fixed Costs			
Insurance	9,695	9,590	8,626
Property Taxes & Sewer Rates	94,566	92,597	92,600
Management Fee	39,587	39,587	41,563
Provision for Replacement Reserve	78,351	78,351	78,351
Total Fixed Costs	<u>222,199</u>	<u>220,125</u>	<u>221,140</u>
Total Operating Costs	<u>334,592</u>	<u>351,241</u>	<u>336,471</u>
Debt Charges	1,299,287	1,299,288	1,179,792
Less: Federal Mortgage Assistance	(891,228)	(891,427)	(777,360)
Net Debt Charges	<u>408,059</u>	<u>407,861</u>	<u>402,432</u>
Extraordinary Items			
Major Repairs		6,676	
Other	1,000	155	6,000
	<u>1,000</u>	<u>6,831</u>	<u>6,000</u>
Total Expenditure	<u>\$ 743,651</u>	<u>\$ 765,933</u>	<u>\$ 744,903</u>
Net Income/(Deficit)	<u>\$ 57,481</u>	<u>\$ 71,949</u>	<u>\$ 111,327</u>

GREATER VANCOUVER HOUSING CORPORATION

River Place - 111 Units
2466 Gately Avenue
Port Coquitlam

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 522,824	\$ 540,922	\$ 548,149
Miscellaneous Income	8,000	11,496	10,000
<u>Total Revenue</u>	<u>\$ 530,824</u>	<u>\$ 552,418</u>	<u>\$ 558,149</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 3,000	\$ 195	\$ 1,000
Gardening	4,834	13,096	5,076
Security	1,500	7,157	4,500
Garbage Removal	4,200	4,066	4,410
Other Services & Supplies	2,200	4,011	2,310
Repairs & Maintenance	15,400	17,133	14,050
Decorating & Cleaning	27,700	23,910	23,700
Utilities	22,861	17,474	20,650
Site Management	30,285	33,999	36,500
Provision for Doubtful Accounts	6,535	3,176	4,517
Total Variable Costs	<u>118,515</u>	<u>124,217</u>	<u>116,713</u>
Fixed Costs			
Insurance	8,901	8,824	7,915
Property Taxes	70,322	71,231	71,870
Management Fee	36,017	36,017	37,815
Provision for Replacement Reserve	78,867	78,867	78,867
Total Fixed Costs	<u>194,107</u>	<u>194,939</u>	<u>196,467</u>
Total Operating Costs	<u>312,622</u>	<u>319,156</u>	<u>313,180</u>
Debt Charges	996,039	1,017,523	1,089,516
Less: Federal Mortgage Assistance	(591,204)	(613,809)	(689,604)
Net Debt Charges	<u>404,835</u>	<u>403,714</u>	<u>399,912</u>
Extraordinary Items			
Minor Capital Improvements		201	
Other	11,000	12,335	5,000
	<u>11,000</u>	<u>12,536</u>	<u>5,000</u>
<u>Total Expenditure</u>	<u>\$ 728,457</u>	<u>\$ 735,406</u>	<u>\$ 718,092</u>
Net Income/(Deficit)	<u>\$ (197,633)</u>	<u>\$ (182,988)</u>	<u>\$ (159,943)</u>

GREATER VANCOUVER HOUSING CORPORATION

St. Andrew's Place - 15 Units
95 St. Andrew's Avenue
North Vancouver City

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 68,416	\$ 67,733	\$ 69,965
Miscellaneous Income	1,900	1,926	1,900
<u>Total Revenue</u>	<u>\$ 70,316</u>	<u>\$ 69,659</u>	<u>\$ 71,865</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 300	\$	\$ 315
Gardening	1,611	2,221	1,692
Garbage Removal	350	307	368
Other Services & Supplies	2,050	312	2,153
Repairs & Maintenance	7,050	2,993	7,725
Decorating & Cleaning	7,100	4,026	7,100
Utilities	7,169	6,168	6,560
Site Management	4,093	4,586	4,900
Provision for Doubtful Accounts		77	26
Total Variable Costs	<u>29,723</u>	<u>20,690</u>	<u>30,839</u>
Fixed Costs			
Insurance	933	859	842
Property Taxes & Sewer Rates	10,598	10,441	10,910
Management Fee	4,867	4,866	5,109
Provision for Replacement Reserve	4,028	4,028	4,028
Total Fixed Costs	<u>20,426</u>	<u>20,194</u>	<u>20,889</u>
Total Operating Costs	<u>50,149</u>	<u>40,884</u>	<u>51,728</u>
Debt Charges	<u>37,045</u>	<u>37,045</u>	<u>37,045</u>
Extraordinary Items			
Other	<u>2,000</u>	<u>1,669</u>	<u>25,000</u>
<u>Total Expenditure</u>	<u>\$ 89,194</u>	<u>\$ 79,598</u>	<u>\$ 113,773</u>
Net Income/(Deficit)	<u>\$ (18,878)</u>	<u>\$ (9,939)</u>	<u>\$ (41,908)</u>

GREATER VANCOUVER HOUSING CORPORATION

Semlin Terrace - 36 Units
100 Semlin Drive
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 218,967	\$ 217,178	\$ 222,808
Miscellaneous Income	5,700	5,463	5,700
<u>Total Revenue</u>	<u>\$ 224,667</u>	<u>\$ 222,641</u>	<u>\$ 228,508</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 150	\$	\$ 158
Gardening	322	377	338
Garbage Removal	2,000	1,850	2,100
Other Services & Supplies	1,000	882	1,050
Repairs & Maintenance	7,200	7,447	7,950
Decorating & Cleaning	6,300	3,983	6,300
Utilities	7,663	8,990	9,470
Site Management	12,177	12,129	13,000
Provision for Doubtful Accounts	690	285	605
<u>Total Variable Costs</u>	<u>37,502</u>	<u>35,943</u>	<u>40,971</u>
Fixed Costs			
Insurance	2,079	1,865	1,888
Property Taxes	21,101	23,035	23,040
Management Fee	11,681	11,681	12,264
Provision for Replacement Reserve	11,869	11,867	11,869
<u>Total Fixed Costs</u>	<u>46,730</u>	<u>48,448</u>	<u>49,061</u>
<u>Total Operating Costs</u>	<u>84,232</u>	<u>84,391</u>	<u>90,032</u>
Debt Charges	<u>106,187</u>	<u>106,187</u>	<u>106,187</u>
Extraordinary Items			
Minor Capital Improvements	800		
Other	3,000	356	
	<u>3,800</u>	<u>356</u>	
<u>Total Expenditure</u>	<u>\$ 194,219</u>	<u>\$ 190,934</u>	<u>\$ 196,219</u>
Net Income/(Deficit)	<u>\$ 30,448</u>	<u>\$ 31,707</u>	<u>\$ 32,289</u>

GREATER VANCOUVER HOUSING CORPORATION

Single Family Homes - 8 Units
Coquitlam/Delta/Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 58,073	\$ 55,408	\$ 54,432
Miscellaneous Income		20	
<u>Total Revenue</u>	<u>\$ 58,073</u>	<u>\$ 55,428</u>	<u>\$ 54,432</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 200	\$	\$ 210
Gardening	81	631	85
Garbage Removal	300	440	315
Other Services & Supplies	200	96	210
Repairs & Maintenance	4,100	10,939	5,490
Decorating & Cleaning	2,700	2,305	2,900
Utilities	1,120	742	730
Site Management	3,086	2,993	2,600
Provision for Doubtful Accounts	143	215	176
<u>Total Variable Costs</u>	<u>11,930</u>	<u>18,361</u>	<u>12,716</u>
Fixed Costs			
Insurance	810	743	55
Property Taxes & Sewer Rates	9,495	9,543	10,020
Management Fee	2,920	2,920	2,725
Provision for Replacement Reserve	2,221	2,221	2,221
<u>Total Fixed Costs</u>	<u>15,446</u>	<u>15,427</u>	<u>15,021</u>
<u>Total Operating Costs</u>	<u>27,376</u>	<u>33,788</u>	<u>27,737</u>
Debt Charges	56,237	55,213	49,645
Less: Federal Mortgage Assistance	(38,741)	(38,388)	(33,865)
<u>Net Debt Charges</u>	<u>17,496</u>	<u>16,825</u>	<u>15,780</u>
Extraordinary Items			
Minor Capital Improvements		1,195	
<u>Total Expenditure</u>	<u>\$ 44,872</u>	<u>\$ 51,808</u>	<u>\$ 43,517</u>
<u>Net Income/(Deficit)</u>	<u>\$ 13,201</u>	<u>\$ 3,620</u>	<u>\$ 10,915</u>

GREATER VANCOUVER HOUSING CORPORATION

Somerset Gardens - 166 Units
1821 Southmere Crescent East
White Rock

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 940,348	\$ 949,170	\$1,002,872
Miscellaneous Income	17,000	22,201	17,000
<u>Total Revenue</u>	<u>\$ 957,348</u>	<u>\$ 971,371</u>	<u>\$1,019,872</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 2,500	\$ 812	\$ 1,500
Gardening	9,669	8,350	10,152
Security	1,000	2,578	1,800
Garbage Removal	4,900	5,298	5,145
Other Services & Supplies	9,000	9,048	9,450
Repairs & Maintenance	38,400	49,878	43,050
Decorating & Cleaning	39,700	37,673	39,700
Utilities	72,117	69,274	71,990
Site Management	48,739	53,184	52,300
Provision for Doubtful Accounts	2,343	320	895
Total Variable Costs	<u>228,368</u>	<u>236,415</u>	<u>235,982</u>
Fixed Costs			
Insurance	11,398	10,833	3,056
Property Taxes	120,875	120,784	125,040
Management Fee	53,864	53,864	56,553
Provision for Replacement Reserve	80,307	80,306	80,307
Total Fixed Costs	<u>266,444</u>	<u>265,787</u>	<u>264,956</u>
Total Operating Costs	<u>494,812</u>	<u>502,202</u>	<u>500,938</u>
Debt Charges	1,227,307	1,236,470	1,335,438
Less: Federal Mortgage Assistance	(714,887)	(712,596)	(827,872)
Net Debt Charges	<u>512,420</u>	<u>523,874</u>	<u>507,566</u>
Extraordinary Items			
Minor Capital Improvements		471	
Other		9,870	17,000
		<u>10,341</u>	<u>17,000</u>
<u>Total Expenditure</u>	<u>\$1,007,232</u>	<u>\$1,036,417</u>	<u>\$1,025,504</u>
Net Income/(Deficit)	<u>\$ (49,884)</u>	<u>\$ (65,046)</u>	<u>\$ (5,632)</u>

GREATER VANCOUVER HOUSING CORPORATION

Stanley/New Fountain - 103 Units
36 Blood Alley Square
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 397,833	\$ 362,512	\$ 351,438
Miscellaneous Income	500	571	500
<u>Total Revenue</u>	<u>\$ 398,333</u>	<u>\$ 363,083</u>	<u>\$ 351,938</u>
<u>Expenditure</u>			
Variable Costs			
Garbage Removal	\$ 1,800	\$ 1,518	\$ 1,890
Other Services & Supplies	11,500	12,271	15,350
Repairs & Maintenance	17,200	17,054	18,290
Decorating & Cleaning	8,800	10,366	7,800
Utilities	32,859	32,031	35,350
Site Management	183,518	176,053	200,842
Provision for Doubtful Accounts	19,526	56,795	38,193
<u>Total Variable Costs</u>	<u>275,203</u>	<u>306,088</u>	<u>317,715</u>
Fixed Costs			
Insurance	25,577	25,451	27,820
Property Taxes	37,097	38,614	38,610
Management Fee	8,343	8,343	8,763
Provision for Replacement Reserve	10,430	10,430	10,430
<u>Total Fixed Costs</u>	<u>81,447</u>	<u>82,838</u>	<u>85,623</u>
<u>Total Operating Costs</u>	<u>356,650</u>	<u>388,926</u>	<u>403,338</u>
Debt Charges	136,581	135,088	149,944
Less: Federal Mortgage Assistance	(75,033)	(71,618)	(89,104)
<u>Net Debt Charges</u>	<u>61,548</u>	<u>63,470</u>	<u>60,840</u>
Extraordinary Items			
Minor Capital Improvements	2,000		
Other	2,499	1,496	2,000
	<u>4,499</u>	<u>1,496</u>	<u>2,000</u>
<u>Total Expenditure</u>	<u>\$ 422,697</u>	<u>\$ 453,892</u>	<u>\$ 466,178</u>
<u>Net Income/(Deficit)</u>	<u>\$ (24,364)</u>	<u>\$ (90,809)</u>	<u>\$ (114,240)</u>

GREATER VANCOUVER HOUSING CORPORATION

Strathearn Court - 96 Units
1873 Spyglass Place
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 646,112	\$ 635,929	\$ 650,357
Miscellaneous Income	6,000	10,337	10,000
<u>Total Revenue</u>	<u>\$ 652,112</u>	<u>\$ 646,266</u>	<u>\$ 660,357</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 2,500	\$ 1,372	\$ 1,500
Gardening	2,417	5,175	2,538
Security		112	
Garbage Removal	2,100	1,877	2,205
Other Services & Supplies	3,400	3,683	3,570
Repairs & Maintenance	11,300	17,610	12,550
Decorating & Cleaning	15,800	11,060	14,200
Utilities	31,940	26,939	30,930
Site Management	32,472	32,371	34,600
Provision for Doubtful Accounts	1,992	27	1,853
Total Variable Costs	<u>103,921</u>	<u>100,226</u>	<u>103,946</u>
Fixed Costs			
Insurance	6,228	5,817	5,608
Property Taxes & Sewer Rates	65,893	65,651	69,000
Management Fee	31,150	31,150	32,705
Provision for Replacement Reserve	48,436	48,436	48,436
Total Fixed Costs	<u>151,707</u>	<u>151,054</u>	<u>155,749</u>
Total Operating Costs	<u>255,628</u>	<u>251,280</u>	<u>259,695</u>
Debt Charges	958,709	958,709	882,232
Less: Federal Mortgage Assistance	(656,405)	(656,405)	(576,456)
Net Debt Charges	<u>302,304</u>	<u>302,304</u>	<u>305,776</u>
Extraordinary Items			
Other	600	153	2,000
<u>Total Expenditure</u>	<u>\$ 558,532</u>	<u>\$ 553,737</u>	<u>\$ 567,471</u>
Net Income/(Deficit)	<u>\$ 93,580</u>	<u>\$ 92,529</u>	<u>\$ 92,886</u>

GREATER VANCOUVER HOUSING CORPORATION

Sutton Place - 83 Units
13834 - 102nd Avenue
Surrey

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 418,136	\$ 437,278	\$ 451,190
Miscellaneous Income	10,800	11,961	10,800
<u>Total Revenue</u>	<u>\$ 428,936</u>	<u>\$ 449,239</u>	<u>\$ 461,990</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 500	\$ 122	\$ 525
Gardening	8,057	7,935	8,460
Security	800	4,910	840
Garbage Removal	3,500	2,491	2,500
Other Services & Supplies	1,900	2,232	1,995
Repairs & Maintenance	17,700	23,257	20,050
Decorating & Cleaning	23,800	28,448	24,000
Utilities	21,268	17,555	20,130
Site Management	28,461	27,493	27,000
Provision for Doubtful Accounts	4,464	2,177	4,219
<u>Total Variable Costs</u>	<u>110,450</u>	<u>116,620</u>	<u>109,719</u>
Fixed Costs			
Insurance	6,423	6,310	5,722
Property Taxes & Sewer Rates	61,260	60,958	62,560
Management Fee	26,932	26,932	28,276
Provision for Replacement Reserve	52,090	52,090	52,090
<u>Total Fixed Costs</u>	<u>146,705</u>	<u>146,290</u>	<u>148,648</u>
<u>Total Operating Costs</u>	<u>257,155</u>	<u>262,910</u>	<u>258,367</u>
Debt Charges	693,081	708,036	758,136
Less: Federal Mortgage Assistance	(420,684)	(436,754)	(490,728)
<u>Net Debt Charges</u>	<u>272,397</u>	<u>271,282</u>	<u>267,408</u>
Extraordinary Items			
Other	10,800	130	8,000
<u>Total Expenditure</u>	<u>\$ 540,352</u>	<u>534,322</u>	<u>533,775</u>
<u>Net Income/(Deficit)</u>	<u>\$ (111,416)</u>	<u>\$ (85,083)</u>	<u>\$ (71,785)</u>

GREATER VANCOUVER HOUSING CORPORATION

Tivoli Gardens - 151 Units
3501 Naples Way
Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 951,429	\$ 957,959	\$1,043,299
Miscellaneous Income	11,000	10,674	11,000
<u>Total Revenue</u>	<u>\$ 962,429</u>	<u>\$ 968,633</u>	<u>\$1,054,299</u>
<u>Expenditure</u>			
Variable Costs			
Advertising	\$ 500	\$ 177	\$ 525
Gardening	20,144	13,495	21,151
Security	200	1,074	210
Garbage Removal	6,600	5,950	12,585
Other Services & Supplies	2,700	3,670	2,835
Repairs & Maintenance	33,600	32,623	34,080
Decorating & Cleaning	30,400	17,245	22,900
Utilities	21,177	16,001	16,990
Site Management	51,076	50,960	54,400
Provision for Doubtful Accounts	3,200	(384)	1,741
<u>Total Variable Costs</u>	<u>169,597</u>	<u>140,811</u>	<u>167,417</u>
Fixed Costs			
Insurance	10,611	10,154	9,506
Property Taxes	101,837	107,045	109,940
Management Fee	48,996	48,996	51,443
Provision for Replacement Reserve	85,104	85,104	85,104
<u>Total Fixed Costs</u>	<u>246,548</u>	<u>251,299</u>	<u>255,993</u>
<u>Total Operating Costs</u>	<u>416,145</u>	<u>392,110</u>	<u>423,410</u>
Debt Charges	1,004,645	973,961	1,095,784
Less: Federal Mortgage Assistance	(577,000)	(531,970)	(674,644)
<u>Net Debt Charges</u>	<u>427,645</u>	<u>441,991</u>	<u>421,140</u>
Extraordinary Items			
Other	14,000	3,400	10,000
<u>Total Expenditure</u>	<u>\$ 857,790</u>	<u>\$ 837,501</u>	<u>\$ 854,550</u>
<u>Net Income/(Deficit)</u>	<u>\$ 104,639</u>	<u>\$ 131,132</u>	<u>\$ 199,749</u>

GREATER VANCOUVER HOUSING CORPORATION

Walnut Gardens - 26 Units
601 West Keith Road
North Vancouver

	1988 Final Budget	1988 Actual	1989 Final Budget
<u>Revenue</u>			
Rents	\$ 188,357	\$ 197,791	\$ 195,398
Miscellaneous Income	2,300	1,713	2,300
<u>Total Revenue</u>	<u>\$ 190,657</u>	<u>\$ 199,504</u>	<u>\$ 197,698</u>
<u>Expenditure</u>			
Variable Costs			
Gardening	\$ 4,834	\$ 4,756	\$ 5,076
Garbage Removal	1,400	1,226	1,470
Other Services & Supplies	900	1,608	945
Repairs & Maintenance	7,620	4,251	5,990
Decorating & Cleaning	8,200	4,551	8,200
Utilities	3,157	2,534	2,820
Site Management	7,094	7,967	8,600
Provision for Doubtful Accounts	25	35	51
<u>Total Variable Costs</u>	<u>33,230</u>	<u>26,928</u>	<u>33,152</u>
Fixed Costs			
Insurance	2,061	2,037	1,833
Property Taxes & Sewer Rates	38,356	37,819	39,900
Management Fee	8,437	8,436	8,858
Provision for Replacement Reserve	16,037	16,037	16,037
<u>Total Fixed Costs</u>	<u>64,891</u>	<u>64,329</u>	<u>66,628</u>
<u>Total Operating Costs</u>	<u>98,121</u>	<u>91,257</u>	<u>99,780</u>
Debt Charges	263,040	261,065	263,040
Less: Federal Mortgage Assistance	(178,626)	(178,631)	(178,632)
<u>Net Debt Charges</u>	<u>84,414</u>	<u>82,434</u>	<u>84,408</u>
<u>Total Expenditure</u>	<u>\$ 182,535</u>	<u>\$ 173,691</u>	<u>\$ 184,188</u>
<u>Net Income/(Deficit)</u>	<u>\$ 8,122</u>	<u>\$ 25,813</u>	<u>\$ 13,510</u>